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11263

Northern District of New-York. ss.



Be it remembered, That on the twenty first day of April, in the fifty fourth year of the Independence of the United States of America, A. D. 1830, G. M. Davison, of the said district, has deposited in this office the title of a book, the right whereof

he claims as proprietor, in the words following, to wit :

“ The Fashionable Tour : a guide to Travellers visiting the Middle and Northern States and the Provinces of Canada. Fourth edition—enlarged and improved.”

In conformity to the act of the Congress of the United States, entitled “ An act for the encouragement of learning, by securing the copies of Maps, Charts and Books to the authors and proprietors of such copies during the times therein mentioned ;” and also to the act entitled “ An act supplementary to an act entitled ‘ An act for the encouragement of learning, by securing the copies of Maps, Charts and Books to the authors and proprietors of such copies during the times therein mentioned,’ and extending the benefits thereof to the arts of designing, engraving and etching historical and other prints.”

R. R. LANSING,
*Clerk of the Dist. Court of the U. States for the
Northern Dist. of New-York.*

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INTRODUCTION.

THE oppressive heat of summer in the southern sections of the United States, and the consequent exposure to illness, have long induced the wealthy part of the population to seek, at that season of the year, the more salubrious climate of the north. But the recent gigantic internal improvements in the northern and middle states, and the developement of new and highly interesting natural scenery, together with the increased facilities for travelling, have greatly augmented the number of tourists within a short period. The rail-roads, canals, coal mines, the Springs, the Falls, the Lakes, the fortifications of Quebec, the sublime mountain scenery in New-York and New-England, with the various attractions presented in the large commercial cities, cannot fail of insuring to a traveller a rich compensation for the toils incident to a journey.

This work is designed as a pocket manual and guide to travellers visiting these places. Our limits forbid that we should indulge in elaborate descriptions or minute geographical and statistical details. We have therefore confined ourselves to subjects of more immediate interest to the tourist ; directing him in his course, and pointing out, as he passes, objects which most deserve his notice and regard.

The Tour, it will be perceived, commences at Savannah, in Georgia, though a rapid glance of the country merely is taken until reaching Washington City. The travelling from south to north being more generally by water than otherwise, a minute description of the country between Savannah and Washington would be uninteresting and unimportant to a great proportion of the readers of these pages. We therefore briefly notice some of the prominent cities and towns, and pass on to those sections embraced within what has been usually denominated the FASHIONABLE or NORTHERN TOUR.

PLATES

ACCOMPANYING THIS WORK.

1. *The village of Saratoga Springs.*—The view is taken when entering the village from the south, with the Congress spring on the right. The first house on the right is Congress Hall ; opposite to which is Union Hall, and farther north, on the left, the U. S. Hotel. The Pavilion is still farther north, on the right, though not seen in the engraving.

2. *The place of Burgoyne's surrender.*—It is in the village of Schuyler-Ville, twelve miles east of Saratoga Springs.

3. *Hadley Falls.*—These are 19 miles north of Saratoga Springs on the Hudson river. The plate represents the bridge extending over the rapids, and also the surrounding scenery.

4. *Lake George.*—The view is from the head of the lake, near the ruins of Fort William Henry, with the village of Caldwell on the left.

5. *Trenton Falls.*—The view is taken below one of the principal falls.

6. *Niagara Falls.*—The view is taken from Goat Island, and exhibits the entire curve of the British or horse shoe fall, with Forsyth's hotel and other houses on the heights of the Canada shore. The drawing was made by Mr. BENNETT, the author of several very elegant views of the Falls, published by Mr. H. McGarey, N. Y.

7. *Quebec.*—From an original drawing of EDWARD KNIGHT, Esq. The view is taken from near the fortifications on the heights at Point Levi. In the foreground is a small chapel built by the Duke of Richmond ; on the left the river St. Lawrence, and on the right the St. Charles. On the heights at the left is the signal station and fortifications on Cape Diamond. In the centre of the heights, and immediately on the right of the forest trees in the foreground, is seen the Castle of St. Lewis, with the steeple of the Episcopal church in the rear. The next steeple on the right is the Roman catholic cathedral ; in front of which, near the water, is the lower town.

8. *State House, Boston, with the common in front.*

THE

FASHIONABLE TOUR.

SAVANNAH, the principal city in the state of Georgia, is located on the south-west bank of the Savannah river, about 17 miles from the bar at its mouth. The city is built on elevated ground, and exhibits a beautiful appearance from the water; its tall spires and other public buildings, with the groves of trees planted along its streets, giving it an air of peculiar fascination. The streets are wide and regularly laid out, and the buildings, together with the public squares, exhibit much taste and elegance. Of the public buildings, the city contains a court house, jail, hospital, theatre, exchange, a public library, 3 banks, and 10 churches. Savannah is by far the most important commercial town in Georgia, and is the great mart of the cotton planters for an extensive and well settled region of country. Steam boats ply regularly between Savannah and Charleston, distance 110 miles, as follows :

	<i>Miles.</i>		<i>Miles.</i>
Tybee Sound,.....	12	North Edisto Sound,	10
Port Republican,.....	25	Light House,.....	25
Beaufort,.....	10	Charleston Bar,.....	3
South Edisto,.....	18	Charleston,.....	7

By land, the distance between the two cities is 118 miles, as follows :

	<i>Miles.</i>		<i>Miles.</i>
From Savannah to		Thompson's Tavern,	9
Beck's Ferry, on		Pompon P. Office,...	11
the Savannah r....	25	Jackson Borough,...	3
Fitch's, Echan road,.	19	Hick's Tavern,.....	10
Coosauhatchie,.....	4	Green's Tavern,.....	10
Pocotaligo,.....	6	Ashley River,.....	8
Saltketcher Church,.	7	Charleston,.....	6

On this route, the tourist crosses the *Savannah river*, which is navigable for steam boats to Augusta, 105 miles above Savannah, having its rise 150 miles north-west of the former place ;

The *Coosauhatchie river*, which rises 47 miles north-west of the village of that name, and falls into the Coosaw river, 6 miles south-east ;

The *Cambahee river*, which rises 75 miles north-west of Saltketcher, and falls into St. Helena Sound, 18 miles south-east from that place ;

The *Edisto river*, which rises 90 miles north-west of Jacksonboro', and falls into the Atlantic ocean 20 miles south-east ; and

The *Ashley river*, which rises about 40 miles north-west of Charleston.

This route is interspersed with rice and cotton plantations, and several handsome country seats of the opulent owners of the soil. In the spring, the whole face of the country assumes a richness of verdure highly picturesque and romantic ; which, however, becomes dried and withered during the burning heat of a summer's sun.

CHARLESTON,

The metropolis of South Carolina, is alike distinguished for the opulence and hospitality of its inhabitants. On entering the city from the bay, an interesting prospect is presented. The glittering spires of its public edifices are well calculated to give animation to the scene. Some of its streets are extremely beautiful, and many of the houses are truly elegant. Orange trees, in the early part of the season, laden with fruit, and peach trees clothed with blossoms, meet the eye of the traveller, and united with the climate of the country at that time, render Charleston one of the most attractive cities in the union. The society is refined, intelligent, frank and affable.

The city was founded and made the seat of government of the state in 1680. It stands on a dead level with the sea, two noble rivers, the Ashley and the Cooper, enclosing it on a wide peninsula called the Neck. Most of the houses contain a piazza, extending from the ground to the top, giving to the rooms in each story a shady open walk. Except in the commercial parts of the town, the houses, which are mostly painted white, are generally surrounded with gardens, trees and shrubbery, giving to them a peculiarly romantic and rich appearance.

The most celebrated edifices of this city, are the ORPHAN ASYLUM and the CIRCULAR CHURCH. The former is one of the best institutions of the kind in the United States. It is highly honorable to the characteristic humanity and benevolence of the place, and is a happy illustration of the tone of public feeling.

SULLIVAN'S ISLAND, which lays at the distance of 7 miles from the city, at the entrance of the harbor, is a spot consecrated as the theatre of important events during the revolution. On this island is FORT MOULTRIE, rendered glorious by the unyielding desperation with which it sustained the attack of the British fleet in the war of our independence. The fleet consisted of about fifty sail ; and on the first annunciation of its approach, lay within six leagues of the island. It was a time of awful and anxious suspense to the garrison in the fort, and to the inhabitants of the city. The public mind had become deeply impressed with ideas of English valor ; and diffident of its own power, looked with painful anxiety towards the issue of the coming contest.

About this period a proclamation reached the shore, under the sanction of a flag, in which the British commander, Sir Henry Clinton, held out the promise of pardon to all who would resign their arms and co-operate in the re-establishment of loyalty. But the royal proposition met with the rejection which it deserved. The militia of the adjacent country crowded the streets of Charleston ; the citizens threw down their implements of industry, and grasped their arms in defence of their native city. On the 28th of June, 1776, Fort Moultrie was attacked by about ten ships, frigates and sloops, and was defended in a manner that would have honored the heroic veterans of Greece or Rome.

During this engagement, the inhabitants stood at their respective posts, prepared to meet the advancing foe. They had determined to grapple with the enemy as he landed, and surrender their liberty only with their lives. But so manfully did the garrison withstand the

conflict, that the fleet was compelled to withdraw, leaving the inhabitants in the unmolested enjoyment of their rights.

The influence of this expedition was most auspicious to the cause of American liberty. It strengthened the trembling hopes and dispersed the fears of the inhabitants. They had seen the result of this attempt, and now felt the triumphant assurance that the sacred cause in which they had enlisted would eventually succeed.

The communication between Charleston and New-York is rendered frequent by convenient and commodious packets that ply from one place to the other. A journey by land, until reaching Norfolk, is tedious and uninteresting; the public inns, except in the large towns, are generally poor, and a voyage by water is the uniform choice of the fashionable and genteel portion of the community.

The distance by water from Charleston to New-York is 670 miles, and the intermediate distances are as follows :

	<i>Miles.</i>		<i>Miles.</i>
Off Cape Fear,.....	120	Off Barnegat Inlet,..	70
Cape Look Out, 75		The Bar,.....	45
Cape Hatteras,.. 78		Sandy Hook,.....	3
Capes of Virginia, 140		The Narrows, ...	11
Cape May,.....	120	New-York, ...	8

FROM CHARLESTON TO NORFOLK,

by the coast,

Is 419 miles, and the intermediate distances are as follows :

		<i>Miles.</i>			<i>Miles.</i>
<i>By land.</i>					
Greenwich,.....	4		Trenton,.....	11	
Wapetan Church,...	15		Newbern,.....	20	
Tweeden Cottons,...	17		Washington,.....	35	
Santee R., S. Branch,	10		Plymouth,.....	35	
N. Branch,	2		Mouth of Roanoke R.	8	
Georgetown,.....	14		<i>By steam boat.</i>		
On the Sands,.....	20		Wade's Point, Albe-		
Varennas, N. C.....	13		marle Sound,....	45	
Smithville,.....	26		Elizabeth City,....	17	
Brunswick,.....	12		<i>By land.</i>		
Wilmington,.....	18		Pasquotank River,..	12	
Hermitage,.....	6		N. Carolina state line,	10	
S. Washington,....	24		Portsmouth,.....	20	
Rhode's,.....	24		Norfolk,.....	1	

The *Santee*, passed on this route, is the principal river in South Carolina. It is formed by a union of the Congaree and Wateree about 25 miles south east of Columbia, and falls into the ocean by two mouths about 12 miles south east from where it is crossed. A canal, 22 miles long, connects the Santee with Cooper river, through which large quantities of produce are annually conveyed to Charleston.

GEORGETOWN the capitol of the district of that name, is located on Winyaw bay, near the mouth of the Pee-dee river, and 13 miles from the ocean. It contains a population of between 2 and 3000 inhabitants, and is a place of very considerable trade.

WILMINGTON, N. C. is the capitol of New-Hanover county. It is situate on the north east side of Cape Fear river, just below a union of its branches, to which place the river is navigable for vessels. The town con-

tains a court house, jail, academy, 2 banks, 2 churches, and between 2 and 3000 inhabitants. It is the greatest shipping port in the state.

NEWEERN is situated on the south side of Neuse river, 30 miles from Pamlico Sound. It is the largest town in North Carolina, containing a population of nearly 4000 inhabitants. There are in this place a court house, jail, theatre, 2 banks and 3 churches.

WASHINGTON is located on the north side of the Pamlico river, and contains a population of about 1200 inhabitants.

PLYMOUTH, the capital of Washington county, is situate on the south side of the Roanoke river, and 5 miles from Albemarle Sound.

The *Roanoke river* rises in the state of Virginia, pursuing a crooked course to Albemarle Sound, into which it empties by several channels, 230 miles from its source. It is navigable for about 30 miles for vessels of considerable burthen, and for boats, 70 miles. The banks are fertile and well settled.

Albemarle Sound is in the north east part of North Carolina, on the coast. It extends from east to west 62 miles, and is from 4 to 15 miles wide. It is connected with Pamlico Sound by several narrow inlets, and with the Chesapeake Bay by a canal through the Dismal Swamp.

A steam boat is taken at the mouth of the Roanoke across the Albemarle Sound to

ELIZABETH CITY, the capital of Pasquotank county, N. C. The town is located on the bank of the Pasquotank river, which has its source in the Dismal Swamp. It contains a court house, jail and 4 churches. From Elizabeth City the road to Norfolk lies on the bank of the canal, 23 miles long, cut through the

Dismal Swamp. This swamp is a tract of marshy land, generally covered with pine, juniper and cypress trees. It is 30 miles long from north to south, and 10 broad. In the centre is Drummond's Pond, 15 miles in circumference.

The Canal, which has been completed but a short time, already proves of immense advantage to the eastern section of North-Carolina. Formerly their coasting trade was through the Ockracock inlet, by the tedious, hazardous and expensive sea route ; but the canal proves an easy, safe and cheap means of conveyance, and affords more extensive markets. Near the centre of its extreme points is the junction of what is called the North West Canal, which is six miles long, and connects North West River (which empties into Currituck Sound in North Carolina) with the main canal, opening an avenue to market for the vast stores of timber in that section suitable for naval purposes, besides the various other products of the country. On the main canal, the basin at Deep Creek is a beautiful sheet of water, half a mile long, and 15 feet above tide water. The lockage is 40 feet ; and the locks, which are stone, are of the best workmanship.

PORTSMOUTH is pleasantly located on the south west side of Elizabeth river, opposite Norfolk. It contains a

court-house, jail and 4 churches, and between 2 and 3000 inhabitants.

NORFOLK, the commercial capital of Virginia, is situated on the east side of Elizabeth river, immediately below the junction of its two main branches, and eight miles above Hampton roads. The town lies low, and is in some places marshy, though the principal streets are well paved. Among the public buildings are a theatre, 3 banks, an academy, marine hospital, atheneum, and 6 churches. The harbor, which is capacious and safe, is defended by several forts. One is on Crancy island, near the mouth of Elizabeth river. There are also fortifications at Hampton roads; the principal of which, Fort Calhoun, is not yet completed.

The *Navy Yard at Gosport*, on the bank of the Elizabeth river, nearly opposite Norfolk, is deserving the attention of strangers. A superb dock is now in progress at this place, similar to that forming at Charlestown, near Boston. The length of the bottom, from the inner or foremost block, to that which is nearest the gates, is to be 206 feet, besides 50 feet of spare room—sufficient to hold a small vessel if requisite. The width of the dock, at the top, is to be 86 feet. As the tide rises and falls but 3 or 4 feet, the water is to be pumped out, when necessary, by steam engines.

From Norfolk to Washington City or Baltimore, the routes are usually performed by steam-boats. The intermediate distances are as follows :

FROM NORFOLK TO WASHINGTON—195 miles.*

	<i>Miles.</i>		<i>Miles.</i>
Mouth of Elizabeth river,.....	9	Off Outlet St. Mary's river,.....	42
Mouth of James river, 6		Off Port Tobacco....	38
Mouth of York river, Old Point Comfort, 20		Mouth of Potomac river,.....	15
New Point Comfort,..	10	Mount Vernon.....	25
Rappahannock river, .	15	Alexandria,.....	9
		Washington,.....	6

FROM NORFOLK TO BALTIMORE—191 miles.

	<i>Miles.</i>		<i>Miles.</i>
To the mouth of the Rappahannock, as in the preceding table,.....	60	Cone Point,.....	5
Smith's Point.....	25	Sharp's Island,.....	15
Outlet of Potomac,...	10	Three Sisters,.....	16
Outlet of Patuxent river,.....	18	Annapolis,.....	10
		Sandy Point,.....	6
		Mouth of the Patapsco river,.....	11
		Baltimore,†.....	15

The CHESAPEAKE BAY, the principal water communication on the foregoing routes, stretches in a direction nearly north from the mouth of James river, or Lynhaven Bay, to the mouth of the Susquehannah river, near the north line of Maryland. It is 180 miles long, and varies from 10 to 25 miles in breadth, dividing the states of Virginia and Maryland into two parts, called the eastern and western shores. It has numerous com-

* The route is down the Elizabeth river till it enters the Chesapeake Bay—thence up the bay to the mouth of of the Potomac, which is entered, the boat proceeding up the river, and passing Mount Vernon and Alexandria, noticed at pages 36, 37.

† See page 44.

modious harbors, and affords a safe navigation. Among the waters which flow into it, (commencing north) are the Susquehannah, Potomac, Rappahannock, York and James Rivers. It has been estimated that the Chesapeake Bay, including its minor bays and inlets, contains an aggregate of 3600 square miles.

FROM NORFOLK TO RICHMOND.

The usual route is by water up the James river; on which steam boats are constantly plying between the two places. We, however, give the routes by land and water, with the intermediate distances:

<i>By water</i> —122 miles.		<i>By land</i> —110 miles.	
	<i>Miles.</i>		<i>Miles.</i>
Mouth of Elizabeth r.	9	Mouth of Elizabeth r.	9
Day's Point, ...	10	Cross Hampton Roads	
Hog Island, ...	16	to Hampton, . . .	8
Swan's Point, ...	9	Half-way House, . .	11
Chickahomany r. . . .	4	York, ...	10
Fort Powhatan, ...	21	Williamsburgh, . . .	12
Eppe's Island, ...	17	Chiswell, ...	14
Chesterfield, ...	23	Cumberland, ...	16
Richmond, ...	13	Chickahomany river,	16
		Richmond, ...	14

WILLIAMSBURGH, 50 miles from Norfolk, is situated between York and James rivers, and was formerly the metropolis of the state. Its streets are regularly laid out, and many of the buildings are handsome. William and Mary's College, located in this place, was founded in 1691, and was liberally endowed at that time by the reigning king and queen of England. It has a library of between 3 and 4000 volumes, and a valuable philosophical apparatus.

JAMESTOWN, between 50 and 60 miles below Richmond, on the north side of James river, was founded in 1608, and was the first English settlement in the United States. The scite is a very beautiful one, and the settlement itself must have been but a few steps from the river. On each side there is a delightful and variegated succession of woodlands, meadows, pastures, and green fields: in front, appears the broad expanse of James river, with its multitude of white, gliding sails. The opposite hills are picturesque: some are entirely covered with woods; others, partly cleared, presenting, in the proper season, patches of white, wavy corn. To increase the richness of this scenery, here and there are distinguished the old and elegant mansions of the Virginia planters, like points of beauty in a fine picture.

No vestige of Jamestown is now to be seen, except the ruins of a church steeple, about 30 feet high, and fringed to its summit with running ivy. Near by is a burying ground with its venerable tombstones, and spotted with dark green shrubbery and melancholy flowers. It looks like a lonely, unfrequented place, and there is something deeply interesting in contemplating these vestiges of an age gone by.

In this scene of silence and of solitude, the rude forefathers of the hamlet have, for ages, rested. Nothing at this day remains but the land they cultivated, and the graves in which they repose; but the places are well known, and with increasing years will grow more venerable and illustrious.

The celebrated *Pochahontas*, (daughter of the Indian chief, Powhatan) was the tutelary guardian of this set-

tlement ; and some of her descendants are now living in Virginia. Among the most distinguished, is the Hon. John Randolph. His descent is thus given in a late Virginia paper :

“Pochahontas was afterwards in London in company with her husband, whose name was Rolf, an Englishman by birth. She was presented to the King and Queen, by Lady Delaware and her husband. She was present at several masquerades and assemblies, all which sights gave her great gratification. Soon afterwards, having embarked on board the ship George, from London, for Virginia, she fell sick, and died at Gravesend.

“Her young child, Thomas Rolf, was left at Plymouth, under the care of Sir Thomas Stukely, who desired to keep it. Pochahontas died in 1617, aged 23. Thomas Rolf, her son, afterwards became a citizen of Virginia. He left at his death a daughter, this daughter married Col. Robert Bolling, by whom she left an only son and five daughters, who were married respectively to Col. Richard Randolph, Col. John Fleming, Dr. William Gay, Mr. Thomas Eldridge, and Mr. James Murray.

“The noble blood of Pochahontas flows in many veins ; and the orator of Roanoke boasts his descent from the daughter of Powhatan.”

RICHMOND, the capital of Virginia, is situated on the north bank of James river, directly at its lower falls, and at the head of tide water. The town rises in an activity from the water, and presents a beautiful and highly picturesque appearance. A part of the town,

on what is called Schockoe hill, overlooks the lower part ; and from the capitol, which is on the greatest eminence, a most delightful prospect is had of the river and adjacent country. Besides the capitol, which is a handsome edifice, the city contains an elegant court house, a state prison, (which cost \$135,000) an almshouse, 2 markets, a museum, an academy of fine arts, a female orphan asylum, 3 banks and 8 churches. At the Virginiary armory, which is erected here, are manufactured between 4 and 5000 muskets and rifles annually. The population of the city is nearly 30,000.

MANCHESTER, directly opposite, is connected with Richmond by two substantial bridges, and is a flourishing place.

Among the many objects of attraction in Virginia, are Monticello, the former residence of ex-president Jefferson, the Warm and Hot Springs, the Natural Bridge, and the Berkley Springs.

From Richmond to Monticello, the distance is 80 miles, in a north-westerly direction ; the road passing Goochland county line, distant 20 miles ; Fluvanna county line, 33 ; Gordonsville, 12 ; Milton, on the Rivanna river, 12 ; Monticello, 3.

MONTICELLO, was much resorted to during the life time of its sage and philosopher ; and since his decease, the consecrated spot of his interment is a place of frequent visitation. It is thus described by a late traveller :

“I ascended the winding road which leads from Charlottesville to Monticello. The path leads a cir-

cuitous ascent of about 2 miles up the miniature mountain, on which stand the mansion, the farm, and the grave of Jefferson. On entering the gate which opens into the enclosure, numerous paths diverge in various directions, winding through beautiful groves to the summit of the hill. From the peak on which the house stands, a grand and nearly illuminated view opens, of the thickly wooded hills and fertile vallies, which stretch out on either side. The University, with its dome, porticoes, and colonades, looks like a fair city in the plain ; Charlottesville seems to be directly beneath. No spot can be imagined as combining greater advantages of grandeur, healthfulness and seclusion. The house is noble in its appearance ; two large columns support a portico, which extends from the wings, and into it the front door opens. The apartments are neatly furnished and embellished with statues, busts, portraits, and natural curiosities. The grounds and out houses have been neglected ; Mr. Jefferson's attention being absorbed from such personal concerns, by the cares attendant on the superintendence of the University, which, when in health, he visited daily since its erection commenced.

“ At a short distance behind the mansion, in a quiet, shaded spot, the visitor sees a square enclosure, surrounded by a low unmortered stone wall, which he enters by a neat wooden gate. This is the family burial ground, containing 10 or 15 graves, none of them marked by epitaphs, and only a few distinguished by any memorial. On one side of this simple cemetery, is the resting place of the Patriot and Philosopher. When I saw it, the vault was just arched, and in readiness for

the plain stone which is to cover it. May it ever continue like Washington's, without any adventitious attractions or conspicuousness ; for, when we or our posterity need any other memento of our debt of honor to those names, than their simple inscription on paper, wood or stone, gorgeous tombs would be a mockery to their memories. When gratitude shall cease to consecrate their remembrance in the hearts of our citizens, no cenotaph will inspire the reverence we owe to them."

From Monticello to the Warm Springs, is 91 miles, in a westerly direction, passing through Charlottesville 2 miles, Rockfish Gap 24, Waynesboro' 2, Staunton 12, Cloverdale 28, Green Valley 10; from whence to the WARM SPRINGS is 13 miles. The temperature of these springs is about 96°, and sufficient water issues from them to turn a mill. They are used for bathing, and are esteemed valuable in rheumatic complaints.

The BATH or HOT SPRING is 5 miles farther. The stream is small; but the temperature is much greater than that of the Warm Springs, being 112.°

These springs flow into the Jackson, a source of the James river.

The NATURAL BRIDGE is 150 miles west of Richmond, and by diverging to the left, without visiting Monticello, may be taken in the route to the Warm Springs. This bridge is over Cedar creek, in Rockbridge county, 12 miles south west of Lexington, and is justly considered one of the greatest natural curiosities in the world. The river at this place runs through a chasm in a hill.

The chasm is 90 feet wide at the the top, 200 feet deep, and the sides almost perpendicular. The bridge is formed by a huge rock thrown completely across this chasm at the top. The rock forming the bridge is 60 feet broad in the middle, and is covered with earth and trees. It forms a sublime spectacle when examined from the margin of the river beneath.*

FROM RICHMOND TO WASHINGTON CITY, 120 miles.

A stage is generally taken at Richmond for the mouth of the Potomac creek, 9 miles beyond Fredericksburgh ; from whence steam-boats pass up the Potomac to Washington. The intermediate distances are as follows :

* A student of one of the Virginia colleges, a few years since, attempted the daring effort of climbing up one of the sides of this precipice. He had ascended 50 or 60 feet before he was aware of the extreme hazard of the undertaking. It was then too late to retreat, and to progress seemed certain destruction. He, however, continued ascending from one crevice to another, holding on the occasional protuberances of the rock, until he reached the top. But so arduous was the labor, that his hands and limbs were severely lacerated, and such was the effect on his mind of the perils and dangers encountered, that he became partially deranged, and never fully recovered the possession of his mental faculties.

<i>By stage.</i>	<i>Miles.</i>		<i>Miles.</i>
From Richmond to		Fredericksburg,.....	14
Chickahomany riv-		Mouth of Potomac	
er,.....	10	creek,.....	9
Hanover Court House,	10	<i>By steam-boat.</i>	
White Chimneys,....	10	Mount Vernon, ...	30
Mattapony river,....	8	Alexandria, ...	9
Bowling Green,.....	6	Washington,.....	6
Vileboro',.....	8		

FREDERICKSBURGH is situated on the south side of the Rappahannock river, 110 miles from its outlet into the Chesapeake Bay. It contains a court-house, jail, academy, 2 banks, 4 churches, and about 500 dwelling-houses; and being near the head of navigation and surrounded by a fertile country, it enjoys an extensive and advantageous trade.

The first object of immediate interest on ascending the Potomac, is

MOUNT VERNON, on the south side of the river, 39 miles from the mouth of Potomac creek. To this sacred spot the mind of every American recurs with the most enthusiastic devotion. He looks upon it as consecrated ground. Here the immortal Washington, after having conducted the American armies forth to victory and independence, retired to enjoy the rich reward of his services in the warm hearted gratitude of his countrymen, and in the peaceful seclusion of private life.

This place was, till recently, the residence of Judge Washington, the nephew of the General; but since his decease in 1829, the estate has descended to John Adams Washington, a nephew of the Judge. The road to it is almost uninhabited, and difficult to trace. The

house stands on an eminence, embracing a delightful view of the Potomac, with a rich and beautiful lawn extending in front to the river.

THE TOMB OF WASHINGTON is visited as an interesting object of contemplation. Here slumber in peaceful silence the ashes of the great and patriotic Father of Liberty. Americans will repair to his grave and moisten with their tears the sod that presses upon his bosom. No monument has yet been erected to his memory ; but it will survive, long after monuments shall have crumbled into dust.

ALEXANDRIA, an incorporated city, 9 miles farther, on the west bank of the river, is a place of extensive business and of fashionable resort during the sittings of Congress. It contains a court house, 6 churches and a theological seminary.

The Museum at this place, among other things, contains *an elegant satin robe*, scarlet on one side and white on the other, in which Gen. Washington was baptized ; *a penknife* with a pearl handle, given to him by his mother when he was in his twelfth year, and which he kept fifty-six years ; *a pearl button*, from the coat he wore at his first inauguration as President of the United States in the old City Hall, New-York ; *a black glove*, worn by him while in mourning for his mother ; *part of the last stick of sealing wax* which he used ; *the original of the last letter written by him*, being a polite apology, in behalf of himself and Mrs. Washington, for declining an invitation to a ball at Alexandria ; it is penned with singular neatness, accuracy and precision, and contains this expression—"Alas ! our dancing days are

over;" a *beautiful masonic apron*, with the belt of scarlet satin and the white kid gloves worn by him the last time he shared in the social ceremonies of the "mystic tie."

The country between this city and the capital is but thinly inhabited, and the soil poor and unproductive; but the road is good, and a ride to Alexandria constitutes one of the amusements of a winter at Washington.

WASHINGTON CITY

Is 6 miles from Alexandria. As the seat of government of the Union, it is a place of much resort during the session of congress in the winter; but is mostly deserted by strangers in the summer. It is situated on the Maryland side of the Potomac, and on a point of land formed by the junction of the Eastern Branch. The District of Columbia, in which the city is located, was ceded to the United States by Maryland and Virginia in 1790, and in 1800 it became the seat of the general government. This District is about 10 miles square, lying on both sides of the Potomac, and is under the immediate direction of congress.

The original plan of Washington when completed, its public edifices, and the elegance of its situation, will render it one of the most splendid cities in the world.

The **CAPITOL** stands on a high and lofty eminence, and commands a delightful prospect of the Pennsylvania Avenue, the President's House, Georgetown and the Potomac, the General Post-office, the Navy Yard, Greenleaf's Point, the bridge on the river, and the road to Alexandria and Mount Vernon. The capitol is built of white free stone, has two wings, and is a very magnificent edifice.

The Rotunda comprehends the spacious area between the two wings of the structure, and is of a circular form. It is entirely of marble, (and so indeed is every permanent part of the capitol,) excepting the light doors covered with green baize that lead out of it, and the frame of the sky light above. The height of the dome soars beyond the roof, and it may well be imagined, is most imposing and sublime. The floor is beautifully paved, and the sound of a single voice, uttering words in an ordinary tone, reverberates aloft like the faint rumbling of distant thunder. When two or more converse, there is an incessant roaring, absorbing the entire medium of sound. Even the simple touch of a walking stick on the pavement distinctly echoes along the circumference, and dies away slowly in the capacious vault; so extremely elastic is the air within. There is nothing that equals it in this country; and, of itself, it well deserves a journey to Washington.

In the niches designedly left about fifteen feet from the floor, are four sculptured pieces as large as life, designed to commemorate the aboriginal character and some of the prominent events in the early history of the country. The scene of the first device is laid in 1773, and is designed to represent a fearful contest between Daniel Boon, an early settler in one of the western states, and an Indian chief. The second represents the landing of the Pilgrims at Plymouth in 1610. The third is a representation of William Penn and two Indian chiefs in a treaty in 1682, under the memorable elm on the right bank of the Delaware, near Philadelphia. And the fourth represents the narrow escape in 1606 of Capt. John Smith, the first successful adventur-

er in Virginia, from the uplifted war club of King Powhatan. The figure of Pocahontas, in the attitude of supplicating the mercy of her father in behalf of the intended victim, is beautifully wrought, and the whole exhibits much elegance of design and workmanship.

The Chamber of the House of Representatives is one of the richest and most splendid apartments of the kind that has ever been constructed. It is semi-circular, with dark blue columns of polished stone, and is lighted from the roof.

The National Library is in the same edifice, and contains the paintings executed by Col. Trumbull. They are the Declaration of Independence, the surrender of the English armies on the plains of Saratoga and at Yorktown, and General Washington in the act of resigning his commission.*

The President's House, which is also constructed of stone, two stories high, with four spacious buildings near it for the accommodation of the heads of department, make together an interesting spectacle for the visitant.

Perhaps there is no spot in the United States that holds out more inducements to a traveller than this city during the sessions of congress. It is the theatre on

* Capt. Hall, in his travels in the U. S. speaking of the capitol, says : " By some strange perversity of taste, however, for which I never could learn to whom the public were indebted, this fine building has been covered over with a coating of paint ! " He should have been told that the painting was designed to hide the smoke occasioned by the conflagration which succeeded the capture of the city by the British troops in 1814.

which the pride and power of the American nation are congregated to control the destinies of a mighty people. It is the residence of all the foreign ministers, and embraces a large portion of the gay and fashionable world. The levees at the house of the president are fascinating ; and the apartments on these occasions are open and accessible to every citizen of the republic.

The NAVY YARD, located on the eastern branch of the Potomac, is an object worthy of attention. An elegant monument is here erected to the memory of the American officers who fell in the Tripolitan war.

GEORGETOWN is on the same side of the Potomac with Washington, at the distance of 3 miles west of the capitol. It is very pleasantly situated, and is a place of considerable trade. The country around it is richly diversified, and the location of the CATHOLIC MONASTERY is very delightful. It stands on the borders of "the heights," in the north west part of the town, and overlooks the body of the town below. The enclosure embraces about one acre. On the north side is the academy conducted by the nuns, consisting of a long range of buildings three stories high. In the middle of the front or eastern side stands the chapel. On the left of the chapel is the room of the father confessor, and also the private apartment of the nuns, into which no unhallowed tread of the worldly and profane is ever admitted.

The Academy, or High School for Ladies, is the most interesting appendage of the convent. It contains a boarding school of upwards of one hundred pupils, and a free or charity school of a much larger number of day

scholars. What strikes the visitor with most pleasure is the perfect system and order with which every thing is done. The young misses who compose the school are regularly and rigidly trained to do every thing on plan and method.

The seminary is divided into four classes. The hall of the first class contains an extensive cabinet of minerals, to which many rare and valuable specimens have been presented by the officers of our navy, and by catholics of the eastern world. It has also many rich specimens of art; the contributions of wealthy and powerful patrons of the church. The sword, sheath and belt of Iturbide, once a hero of South America, two of whose daughters are now in this convent, were recently presented to the cabinet by Commodore Rodgers. It also claims to have many sacred relics, such as shreds or scraps from the garments of numerous saints—fragments from the church and tomb of St. Peter, and of other saints—pieces of the wood of the cross, &c. of which the industry and credulity of the Catholics in the east have collected enough in the last 1400 years to build a ship of the line. These relics, so says tradition, have been carefully preserved by a long line of popes, bishops and priests, and distributed among the churches and their convents, as the memorials of many precious and hallowed associations. The veneration with which they are regarded by catholics is well known. The same hall containing the cabinet has a good chemical laboratory.

The number of nuns in this convent, at present, is about sixty. Among them are descendants of rich and powerful families. Their employment consists in con-

fessions, vigils, fasts, penances, reading and religious exercises, in teaching, in domestic concerns, and in making fine needle-work for sale. The charity school embraces about 200 day pupils. For their humanity and benevolence in collecting and teaching these children, the nuns deserve praise. In these employments they appear happy; but the happiness of these devotees, if real, must be of the negative kind.

THE CHESAPEAKE AND OHIO CANAL, was commenced on the 4th of July, 1828, and is now in a state of forwardness. It is to extend from Georgetown, D. C. to near Pittsburgh, Penn. where it will unite with the Pennsylvania canal and the Ohio river. Its length will be 360 miles, and its lockage 4004 feet. This canal, towards the construction of which the United States have subscribed \$200,000, will pass through an interesting part of the state of Pennsylvania, which it will greatly benefit, and prove of immense importance to the city of Pittsburgh.

FROM WASHINGTON TO BALTIMORE—38 miles.

There are from 12 to 15 lines of stages running daily between Washington and Baltimore; so that a passage can be taken at almost any hour of the day. The intermediate distances are as follows:

	<i>Miles.</i>		<i>Miles.</i>
Bladensburg, ...	6	Patapsco river, ...	9
Vansville, ...	8	Gwinn's Falls, ...	5
Patuxent r. W. Branch, 3		Baltimore, ...	3
do. E. Branch, 4			

BALTIMORE.*

The rapid growth and present extent and population of this city is truly remarkable, and to be ascribed no less to the spirit of enterprise which has always characterised its inhabitants, than to the natural advantages of its position. Its scite is on the north side, and at the head of tide water on the Patapsco river, 14 miles above its entrance into the Chesapeake. The centenary of its existence was celebrated in August, 1829. On the 8th of that month, in 1729, the first act was passed for laying out the town on sixty acres of land, from which the native forests had then but partially given place to the axe and the plough. These sixty acres were purchased at forty shillings per acre, to be paid in money, or tobacco at one penny per pound. The progress of the city at first was sluggish and unpromising. Thirty-three years after its location, (1752,) it contained but twenty-five houses, and a small brig and sloop were the only vessels owned in the town. Even up to 1773, the merchants were compelled to send their advertisements to Annapolis or Philadelphia, there being no newspaper then published in Baltimore. Now, with its population rising above 70,000, it may be considered the third city in the union; whilst, for its various manufactories and public buildings, ornamental to the

* For the description of Baltimore and its environs, (excepting that part relating to the rail road which is quoted,) I am indebted to JOHN S. SKINNER, Esq., the Post Master of that city, and able editor of the American Farmer; a work which has an extensive patronage, but which cannot be too widely disseminated.

city and remarkable for their costliness, taste and commodiousness, it stands undoubtedly in the first rank for enterprise and public spirit. For tobacco and flour Baltimore is the leading market; for flour, the first in the world. Within 20 miles around, the water power is almost incalculable. It drives at present more than sixty flour mills, one of which has turned out 32,000 barrels in one year. There are, too, within that compass, twelve cotton manufactories, keeping in motion 30,000 spindles, besides manufactories of cloth, powder, paper, iron, glass, steam engines, extensive chemical works, and one mill by steam power for manufacturing flour and copper, that has turned off 200 barrels a day, and works annually about 600,000 pounds of raw copper. Many of these may conveniently be visited by sojourners in the city, on foot or by short rides in the immediate vicinity.

The city, as re-chartered in 1816, contains 10,000 acres, and embraces within the limits built upon, a court house, jail, penitentiary, lunatic asylum, two theatres, the largest circus in America, an exchange, an observatory founded by the father of the gallant Commodore Porter, two museums, five market houses, ten banks, gas works, (the first in this country for lighting the streets and houses,) a public library, a medical college, and 45 houses of public worship.

Most of these establishments would be worthy of the regard of tourists. It cannot be expected that we should describe them minutely, our object being but briefly to indicate their existence; but almost all strangers make a visit to the cathedral, the exchange, the public fountains, of which there are four tastefully or-

namented and giving a copious supply of pure spring water ; the museums, the monuments, and the rail roads.

The CATHEDRAL is built after the Grecian Ionic order, on a plan drawn by that distinguished and lamented architect, the late H. B. Latrobe. Its outward length is 190 feet, its width 177, and its height to the summit of the cross that surmounts the dome is 127 feet. A minute description of the numerous ornaments and specimens of taste in the fine arts that abound in this magnificent building, would be incompatible with the plan of this work ; but we may advise the tourist that, amongst others, it contains the largest organ in the United States, with 6000 pipes and 36 stops, and two very splendid paintings—one the descent from the cross, by Paulin Guerin, a present from Louis XVI—another, presented by the present King of France, representing St. Louis, attended by his chaplain and armor-bearer, burying one of his officers slain before Tunis, as an encouragement to his officers and soldiers, who, for fear of contagion, would have left their comrades to be devoured by beasts and birds of prey.

The MERCHANTS' EXCHANGE, built by private subscription, is another monument to the public spirit of the citizens. This edifice, from Water to Second, fronting on Gay-street, is 255 by a depth on the two first of 141 feet, and is three stories high exclusive of the basement. In the centre is the great hall, 86 feet by 53, lighted from the dome, which is 90 feet from the floor. In this hall, to which they have access by three entrances from three streets, the merchants convene daily from 1 to 2 o'clock.

On a scale corresponding with these buildings in extent and convenience, according to their several designs and objects, the traveller may be edified and amused by an inspection of the other public edifices, which here we could only designate by name. But in any thing like a picture of Baltimore as a guide for the tourist, its monuments and its rail roads, leading to the Ohio and the Susquehannah, are decidedly the most striking features. The one called the **BATTLE MONUMENT**, an elegant marble structure about 55 feet high, was commenced on the scite of the old court house in Washington Square, on the 12th of September, 1815, in memory of those who, on the 12th and 13th of the same month in the preceding year, had fallen gallantly in defence of the city.

Another splendid monument called the **WASHINGTON MONUMENT**, built of white marble, ornamental to the city and honourable to its inhabitants, (but vain as an effort to extend the fame of him whose glory is as wide and imperishable as the empire of letters,) has been erected on an elevation a little north of the compact part of the city, presented for that purpose by the late Col. John E. Howard, the hero of Eutaw and of the Cowpens. The base is 50 feet square and 23 high, on which is placed another square of about half the extent and elevation. On this, is a column 20 feet in diameter at the base, and 14 at the top. The colossal statue of Washington, the largest one in modern ages, is placed on the summit 163 feet from the ground. This monument is to be embellished with bas reliefs and other decorations.

The BALTIMORE AND OHIO RAIL ROAD commences a short distance from the Washington turnpike road on West Pratt street, where the company have established a depot. It is finished as far as Ellicott's mills, and supplied with rails a considerable portion of this distance ; so that carriages are daily passing on it, and in the course of the summer, (1830) it is expected that passengers and transportation waggons will regularly occupy the road, and afford to citizens and strangers one of the most delightful trips imaginable. There are few more romantic scenes than that of Ellicott's mills and the vicinity on the Patapsco, through the most picturesque part of which the road passes ; and as the time occupied in going will only be about an hour, and the mode of travelling being as free from jolt and jar as a sleigh ride, it is anticipated that few will leave the city without having taken one of these airings. There are many points on the rail road worthy of particular notice, the most prominent of which is the bridge (or *Carrollton Viaduct* as it is called,) over Gwynn's Falls, about one and a half miles from the city. This is one of the most magnificent pieces of architecture in America—alike beautiful in proportion, materials and workmanship. This bridge is built of a beautiful granite, contains one arch of about 80 feet span, and 40 feet in height, and is 312 feet in length from end to end of the parapets.

“ The *Jackson Bridge*, is a single arch 109 feet long, of entirely novel structure, the invention of Col. Long, of the company's board of engineers. The *Deep Cut*, through a high and broad ridge of land, is about three fourths of a mile in length, its greatest depth 70 feet,

and its width, at the summit of the ridge, 184 feet. Quantities of carbonized wood were found sixty feet below the natural surface, and the stump of a tree with its roots at forty feet. The entire excavation is 263,848 cubic yards. The *Great Embankment at Gadsby's Run*, five miles from Baltimore, is nearly a mile in length, its greatest elevation 56 feet, and its greatest width 191 feet. At the top, the usual width of 26 feet is preserved for a double set of rails. *Gadsby's Run Viaduct*, affords a passage to the waters of the run through the embankment. The arch, composed of dressed granite blocks, is of the extraordinary width of 120 feet from opening to opening. The *Patterson Viaduct*, is an immense structure of granite, by which the road is carried to the opposite bank of the Petapsco. It is built of granite blocks, from one to seven tons in weight, and its entire length is 375 feet. It has four beautiful arches, the two centre ones each a span of 55 feet, with extensive wings and water walls, abutments, &c. The height from the water to the crown of the arches is 30 feet. The corner stone of this structure was laid on the 6th May, 1829, and on the 4th of December it was crossed on horseback by William Patterson, esq. for whom the honor had been reserved, and whose name it bears. It embraces nearly 10,000 perches of masonry. Besides these are the embankments at Stillhouse Run, two granite viaducts, the rock-side cutting at Buzzard's Rock, &c."

This road is to extend to the Ohio river at Pittsburgh, Penn. a distance of about 300 miles; and will be travelled, it is calculated, with horse power in 30, and with steam power in 20 hours through the whole line.

The BALTIMORE AND SUSQUEHANNAH RAIL ROAD has also been commenced. It is to extend from Baltimore to York Haven on the Susquehannah river, distant 60 miles. The cost is estimated at \$7,500 per mile.

For its houses for the accommodation of travellers, Baltimore is not remarkable, except for its CITY HOTEL. This is the most splendid edifice of its kind in the union, if not in the world. It is centrally and most conveniently situated, presenting a front on Calvert street of 117 feet, running back 183—taking in two spacious buildings formerly occupied as private residences, so connected with the establishment as to afford two distinct private entrances on Fayette street, which lead to thirteen parlors arranged expressly for the accommodation of private families, with chambers so connected with them as to make them as convenient for ladies and children as any private house. The City Hotel contains 172 apartments, and was built expressly for a hotel, under the direction of its experienced proprietor, Mr. Barnum. In the basement of the building on Calvert street is situated the Post-Office, into which the traveller may deposit his letters by a conduit from the large Reading Room above, where they can peruse, gratuitously, the papers from all parts of the union. There are also in the basement the offices of the American Turf Register and of the American Farmer, as also the General Stage Office of Stockton & Stokes. All the mail coaches start from this hotel. To all other conveniences combined in this establishment which travellers can desire, is added an observatory on the top of it, constructed expressly to afford to its guests views of the harbor and Fort M'Henry, and the town, and the country seats that surround it.

The INDIAN QUEEN, the next largest establishment, is well and liberally kept by Mr. Bettzhower, its obliging and popular tenant.

And here we may close this sketch of that patriotic city by the remark, that it is in nothing more distinguished from our other large cities, than by the *beauty of its environs*. A succession of elevated scites rising one above another encircle it from the Philadelphia road on the east to the Washington turnpike on the west. From these eminences the stranger obtains, at a single *coup d'œil*, a view of the town and its numerous approaches by land and water, its monuments, its domes, its steeples and its towers.

Some of these heights are crowned with private residences, displaying all the taste and magnificence that characterize the seats of European opulence and refinement. Of these, the most expensively embellished and conspicuous is "GREEN MOUNT," the elegant summer retreat of a gentleman whose taste and hospitality happily correspond with his ample possessions. To the splendid mansion, with all its incidental accommodations, on the most extensive and liberal scale, is connected a circular promenade of three quarters of a mile in length, overshadowed by trees from every clime, tempting to healthful exercise, and offering on either hand every variety of fruit and flower that cultivated nature has prepared to delight the eye and gratify the palate. Whilst for the benevolent proprietor a sentiment of universal and profound respect consecrates his 100 acres that border on this line of the city, guarding them from the hand of depredation, strangers entitled to con-

sideration visit Green Mount without difficulty and admire it without measure.

Finally, in contemplating Baltimore in its various objects of attraction for the tourist, it is not possible to forget one living monument, around which the most interesting moral associations are entwined; for it is there that still resides the last of the ancient fathers who sent forth our glorious proclamation of independence to the world. Whilst its principles continue to be cherished and honored, posterity will hallow with grateful admiration the name of CHARLES CARROLL OF CARROLLTON.

FROM BALTIMORE TO PHILADELPHIA.

A daily land or water route can be taken; but since the completion of the Chesapeake and Delaware Canal, the latter is generally preferred. Both routes, however, are given, with the intermediate distances:

STAGE ROUTE—101 miles.

	<i>Miles.</i>		<i>Miles.</i>
From Baltimore to		Elkton,.....	8
Herring's Run,.....	4	Big Elk Creek,.....	1
Bird's Run,.....	8	Delaware state line,.	2
Great Gunpowder		Christiana Creek,...	3
falls,.....	3	Christiana,.....	5
Little do.....	2	Newport,.....	5
Winter's Run,.....	4	Wilmington,*.....	4
Hartford,.....	4	Brandywine Creek,.	1
Havre de Grace,...	11	Chester,.....	13
Susquehannah river,	1	Darby,.....	8
Charleston,.....	5	Schuylhill river,.....	6
North East river,...	2	Philadelphia,.....	1

* WILMINGTON, a port of entry and the largest town in the state of Delaware, is the only place of much im-

STEAM BOAT AND CANAL ROUTE—96 miles.

	<i>Miles.</i>		<i>Miles.</i>
<i>Steam boat.</i>		nal to Delaware	
From Baltimore to		city,.....	14
North Point, Ches-		<i>Steam boat.</i>	
apeake bay,).....	12	Newcastle,.....	5
Poole's Island,.....	10	Outlet of Brandy-	
Mouth of Elk river,.	18	wine creek,.....	4
Chesapeake village,		Marcus Hook,.....	9
on Back river,		Chester,.....	3
where the Canal		Lazaretto, ...	3
commences.....	4	Fort Mifflin,.....	8
<i>Canal boat.</i>		Gloucester, ...	2
Passage on the Ca-		Philadelphia, ...	4

This route is usually performed in about 12 hours. The steam boat, after leaving the Chesapeake bay enters Elk river, but instead of pursuing the old route up the river to Frenchtown, her course is directed up Back Creek to the village of Chester. This creek is narrow and tortuous in its course, and the banks are for the most part covered with a thick foliage of the richest

portance on this route. The town is situated between Christiana and Brandywine creeks, 1 mile above their confluence, and 2 miles west of the Delaware river. The great facilities afforded here make it an important manufacturing town; it having some of the finest flouring mills and cotton factories in the union. It contains from 10 to 12,000 inhabitants, a spacious almshouse, 3 banks, a U. S. arsenal, and 9 churches. An ancient building, called the old Swedish church, erected in 1698, stands near the Christiana creek in this town; opposite to which is an ancient church-yard, used by the first settlers of the place. It contains a few tomb-stones, the inscriptions of which are nearly defaced by the hand of time.

and most delightful kind, rendered more picturesque by being interspersed with an occasional fishing hut. At the village of Chesapeake, the

CHESAPEAKE AND DELAWARE CANAL commences, where a packet is taken, drawn by six horses. These packets are fitted up in good style, and move at the rate of about 7 miles an hour. This canal, which connects the waters of the Chesapeake bay with those of the Delaware river, is 14 miles long, 36 feet wide on the bottom and 60 feet at the surface. It is calculated for the passage of vessels drawing 8 feet of water, though the banks are constructed so as to retain 10 feet, if necessary. There are two tide and two lift locks, and the summit level is a little more than 9 miles long, and 10 feet above ordinary flood tide. Between 2 and 3 miles from Chesapeake village commences what is called the *Deep Cut*. Its length is nearly four miles, and the embankments vary from 8 to 70 feet in height. To furnish something of an idea of the magnitude of the work, it is stated that the earth excavated to form this part of the canal and the necessary drains was more than 90 millions of cubic feet. At the greatest elevation a most imposing work, called Summit Bridge has been extended across. It is built on a hard firm bank, where the original surface attains an elevation of 65 feet, above which the abutments are built 20 feet in thickness. The sides of the canal below the abutments are protected by a slope wall laid from the bottom of the canal to the top of the bank, from six to two feet in thickness. The floor of the bridge is 90 feet above the bottom of the canal; extreme length 280 feet. Independently of the interest

excited by the bridge, the view of the canal from its commanding height is grand beyond description. A flight of steps have been erected, to facilitate the ascent from the tow-path up the bank.

After leaving the Deep Cut, the canal enters what is called *The Old Mill Pond*, three miles beyond the Cranberry Marshes. Three miles farther are the St. George's Marshes, the forming of the banks of the canal through which was an immense labor. The specific gravity of the earth used for the purpose exceeding that of the surrounding marshes, it sunk in many places as fast as it could be carted on, and in some instances it is calculated to have gone to a depth of from 60 to 80 feet, and in one place 100 feet below the original surface, raising many acres of the adjacent marshes several feet above original level.

At the eastern termination of the canal, the CITY OF DELAWARE has sprung up like many of the flourishing villages on the banks of the Erie canal in New-York. It will probably become a place of considerable importance. At this village a steam boat is again taken, which, proceeding up the Delaware river, passes in succession the villages of Newcastle, Chester and Lazzaretto, Fort Mifflin on an island in the Delaware, and Gloucester, to

PHILADELPHIA,

The flourishing capital of Pennsylvania. It stands on the west bank of the river Delaware, five miles from its confluence with the Schuylkill, which forms its western boundary. This city was founded in 1682, and incorporated in 1701. The charter being abrogated at

the revolution, it remained under a provincial government till 1789, when it was incorporated a second time. Its present population is upwards of 130,000. The city is built on streets from 50 to 100 feet in width, running parallel, and at right angles to each other. They are handsomely paved, and are kept remarkably clean. The houses exhibit an appearance of neatness, uniformity and commodiousness, and many of them are ornamented with white marble. Against the city, which is 90 miles distant from the sea, the Delaware is about a mile wide, and is navigable for ships of a large size. The most conspicuous buildings are the churches, the state house, the United States and Pennsylvania Banks, and the Institution for the Deaf and Dumb. The Bank of the U. S. was established in the year 1816, with a capital of \$35,000,000. The banking house is a splendid structure, built on the plan of the Parthenon at Athens, and is situated in a north and south direction, fronting on Chesnut and Library streets, having 8 fluted columns, 4 feet 6 inches in diameter, embracing the whole front. From each of the fronts are porticoes, projecting 10 feet 6 inches. The whole length of the edifice, including the portico, is 161 feet, and its breadth in front 87 feet. The main entrance is from Chesnut-street, by a flight of six marble steps, extending along the whole front of the portico. The banking room occupies the centre of the building, being 48 feet wide, and 81 feet long. The whole body of the building is arched in a bomb proof manner, from the cellar to the roof, which is covered with copper.

There are in this city 88 houses for public worship ; 10 banks, 13 insurance companies, of which 8 are ma-

rine, 4 fire, and one for lives and annuities, a custom house, an exchange, and a chamber of commerce.

The New Bank of Pennsylvania is an extensive and elegant edifice of marble, of the Ionic order, and constructed after the model of the ancient temple of the muses, on the Ilyssus.

The Pennsylvania Hospital is one of the oldest and most respectable institutions of that description in the Union.

THE STATE HOUSE, in which the continental congress sat, and from whence the *Declaration of Independence* issued, is still standing. It is located in Chesnut-street, is built of brick, comprising a centre and two wings, and has undergone no material alteration since its first erection. It has a venerable appearance, and is surmounted by a cupola, having a clock, the dial of which is glass, and is illuminated at night until 10 or 11 o'clock, shewing the hour and minutes until that time. The front is a considerable distance back from the street, the walk being paved to the curb-stone with brick, and two elegant rows of trees extending its whole length. East of the main entrance, in the front room, the sessions of congress were held, and the question of independence decided.

THE ARCADE in Philadelphia, like that at New-York, has proved a bad speculation—though the former is twice the size of the latter, and appears to be more deserted. It contains Peale's Museum, one of the best in the United States, comprising the most complete skeleton of the Mammoth perhaps in the world. It is perfect, with the exception of a few bones, which have

been supplied by imitating the others. This skeleton was found in Ulster county, New-York.

The ACADEMY OF ARTS, in Chesnut-street, contains a large number of paintings, several of which are the property of Joseph Bonaparte. Among these is one executed by David, representing Napoleon crossing the Alps. Another is a full length portrait of Joseph himself, as king of Spain.

The U. S. MINT, established here, is at present in an ordinary building ; though a new and handsome edifice is constructing for the purpose.

Of the public works of Philadelphia, there is none of which its inhabitants are more justly proud than those at Fair Mount, by which the city is supplied with water of the best quality, in the greatest plenty. Fair Mount is in the rear of the city upon the bank of the Schuylkill, the neighborhood of which affords a variety of romantic scenery. The situation is such as peculiarly adapts it for the purpose to which it has been devoted. The reservoirs are situated on the top of a hill rising from the river, a part of it perpendicular rock, upwards of one hundred feet. The ascent from the river to the reservoirs is by a flight of substantial wooden steps, with resting places, over one of which is a temple. The reservoirs, which are surrounded with a pale fence, outside of which is a gravelled walk, contain upwards of twelve millions of gallons, supplying the city through between 15 and 20 miles of pipes. The water was formerly forced to the reservoirs by steam, which is no longer used ; it is now raised by machinery propelled by the Schuylkill. The machinery is simple, and is turned by large water wheels, of which

there are five, one of them of iron of 24 tons weight. Their speed may be graduated to any required number of revolutions per minute ; and if all are in motion, they will raise seven millions of gallons 'in 24 hours. To turn them, the Schuylkill has been dammed its whole breadth, by which the water is thrown back into a reservoir lock, whence it is admitted as required to operate upon the wheels, and is discharged into the river below the dam. The whole expense of these works, including estimated cost of works abandoned, was \$1,783,000. That required to keep them in operation is comparatively trifling. The quantity of water thus disseminated through the city, is not only sufficient for every family, but is used to wash the streets. It is of immense service in case of fire, as it is only necessary to screw the hose to hydrants, which are placed at convenient distances, to secure a constant stream of sufficient force to reach an ordinary height.

The NAVY YARD (on the Delaware) receives the visits of strangers more particularly in consequence of the immense vessel, the Pennsylvania, there erecting. Her dimensions are 198 feet keel, 57 feet beam, and 45 feet in depth from the upper deck to the keel. She has four decks, on which are to be mounted from 140 to 160 guns, manned by 1200 men.

The NEW PENITENTIARY, located on elevated ground near the city, and nearly completed, is designed to carry the principle of solitary confinement completely into effect. Ten acres of land are occupied for the purpose, forming a square of 650 feet each way, and enclosed by massy walls of granite, 35 feet high, with towers and battlements. The prison is in the centre

of the square, and is admirably calculated for the purposes for which it was designed. The expense already incurred in its erection is \$300,000.

In amount of shipping, Philadelphia occupies the fourth rank in the U. S. ; and three lines of regular and commodious packets now run between the city and Liverpool.

Its principal hotels are, the U. S. Hotel, in Chesnut-street ; the Mansion House, in 3d street ; and Judd's, in 2d street, between Market and Chesnut ; and its principal boarding houses are Mrs. Frazier's in Spencer-street, Mrs. Sword's in Walnut, and Mrs. Allen's in 6th street, near the State House.

The banks of the Schuylkill, near Philadelphia, contain numerous elegant country seats, and several public buildings. Among the private residences, none are perhaps more justly admired than that of Henry Pratt, Esq. on Lemon Hill. The mansion house is situated on the eastern bank of the river, and directly above the Fair Mount Water Works, about a mile from the city. Connected with the mansion are gardens of the most extensive kind, laid out in a style of much elegance and taste. To these gardens, respectable citizens and strangers have free access ; and a ride to them is among the various pleasant excursions in the vicinity of the city.

The SHOT TOWER of Mr. Beck is also an object of much curiosity to strangers visiting Philadelphia. It stands on the east bank of the Schuylkill, in the rear of the city, and is a lofty edifice, from the top of which a very extensive view can be had of the surrounding country.

The **PHILADELPHIA** and **LIVERPOOL** PACKETS, which are handsomely fitted up, sail from Philadelphia on the 20th and from Liverpool on the 8th of each month. Price of passage in the cabin, £30 sterling, and in the steerage, \$25, including accommodations.

In the **NEW LINE BY WAY OF SAVANNAH**, the packets sail from Philadelphia the 20th of each month.

INTERNAL IMPROVEMENTS.

The first turnpike in America was made in Pennsylvania; and the state at this time contains near 3000 miles of turnpiked roads, at a cost of about \$8,000,000. Among the bridges built across its principal rivers, forty five are estimated to have cost \$3,000,000; and more than \$10,000,000 have been expended within the state on canals.

The **UNION CANAL** was commenced about 40 years since, by a private company; but having to encounter the expense of an extensive tunnel at the summit, of 236 yards in length, and an insufficiency of water for the western section, which is drawn up twenty feet by a steam engine, it was partially abandoned; but since the completion and successful operation of the **Erie** and **Champlain** canals, and a stimulus having been produced in Pennsylvania, this canal was re-commenced and completed, and is in successful operation. It commences near Reading on the Schuylkill river, 51 miles north west of Philadelphia, and extends thence in a westerly direction to Lebanon, and thence along the Swatara creek to Middletown, on the Susquehannah river, nine miles below Harrisburgh, the seat of government of the state.

The length of this canal is 79 miles ; the water for the principal supply of the eastern section, a distance of 40 miles, is drawn from the Tulpehockan river, a branch of the Schuylkill. The lockage on this section is 276 1-2 feet in 53 locks : the locks are of various lifts, and cost \$650 per foot. The western section extends 39 miles, having a lockage of 226 1-2 feet in 37 locks, besides an expensive tunnel.

By a law of the Pennsylvania legislature, chartering the Union Canal Company, passed in 1826, they were prohibited from erecting any works which should prevent the descent of rafts in the channel of the Swatara. This provision having been repealed in 1829, the company subsequently resolved on extending the canal to a point at or near the village of Pine Grove, about four miles from what is called "The Coal Region." From the basin at the northern extremity of the canal, it is contemplated to extend rail roads along the vallies of the Swatara and its various branches, which intersect the country in every direction, and afford ground admirably adapted for their construction. Another opening at Fishing creek, near the termination of the great reservoir, is said to possess equal advantages, both as respects the position of its coal and the facility of access.

These mines, it is supposed by competent judges, can be wrought as easily and economically as those of Mount Carbon ; and it is confidently predicted, that at no very distant day, the Swatara coal will form an important item of the consumption and exportation of the city of Philadelphia.

By means of the Union Canal and the Schuylkill slack water navigation, there is a communication from Philadelphia to the Susquehannah river ; and this communication is to be greatly extended by means of the

PENNSYLVANIA CANAL, which is rapidly progressing. This canal commences at Columbia, 80 miles north west of Philadelphia, and unites with the Union Canal at Middletown, 18 miles farther. From thence it proceeds in a westerly direction to the Juniata—thence up that river to the foot of the Alleghany mountains, which are to be crossed by a rail road, 40 miles long ;* at the end of which the canal re-commences, uniting with the Alleghany and Ohio rivers at Pittsburgh. The whole length of this canal, including the rail road across the mountains, will be 314 miles, and the lockage rising of 1100 feet. At its eastern termination, a rail road is to be constructed, 80 miles long, passing through the city of Lancaster, to Philadelphia. When this canal, with others in progress in Pennsylvania, shall have been completed, that state (in the language of her canal commissioners) “will present to the trade of the western country an avenue to the Atlantic coast, equal, if not superior, to any which has been, or can be constructed. Besides, her own manufactures and agricultural products, which will seek a market through the canal, are equal in amount to those of any other state, independently of her coal, iron, salt and lumber, which in ton-

* Another plan proposed is to pass the summit by a tunnel of one mile in length, and overcoming the elevation by five levels on each side. The expense is estimated at a little short of \$1,000,000.

nage must exceed all other articles transported to market."

The Pennsylvania canal will ultimately be added to the list of interesting routes already presented to travellers visiting the middle and northern states. After reaching the *Juniata*, a singularly romantic and beautiful stream, the canal winds along a gentle and practicable acclivity, following the bed of the river for nearly a hundred miles. Two mighty ranges of mountains rise from the limpid Juniata, like two green leaves of an immense opening volume. These mountains, apparently arranged to the course of this stream, seem to lie almost at right angles to the great parallel ridges. The Juniata finds a passage by a very equable and gentle declivity through all the mountains except the last ridge that parts its waters from those of the Ohio. More beautiful forms of mountains than these which skirt this river, can no where be seen. Sometimes, for many miles together, they rise, smooth, verdant and unbroken, by equable slopes, from the very verge of the stream to the height of twelve hundred feet ; and here, apparently, when the fountains of the great deep were broken up, the rocky summits of the mountains were dismembered at the same time. For miles together, and in many places the whole sides of the grand slope, from summit to base, are strown with large fragments of smooth building stone ; and it is inconceivable how smoothly and completely they line the sides of these mighty hills. Layers of these rocks cover thousands of acres, for a depth apparently of forty or fifty feet ; and for a considerable distance the road is formed by the removal of these layers along the roots of the mountains,

the carriage winding its way many hundred feet above the canal, which is perpendicularly below.

In other places, more recent slides of the earth and rocks from the summits of the mountains have cut away a visible and uniform path, sweeping trees and every obstacle before it, until the spoils are accumulated at the foot of the mountains. Indeed, every foot of this route of a hundred miles is enriched with scenery of unexampled sublimity; and we can imagine no higher treat for the tourist than a passage along its banks, connected with the crossing of the Alleganies, and a trip to Pittsburgh.

In addition to the foregoing, the state have constructed, or are constructing, a canal from Middletown, at the junction of the Union Canal with the Susquehannah, to Muncy Hills upon the West Branch of that river, 90 miles in length; another from Northumberland, at the junction of the East and West Branches of the Susquehannah, up the former branch, to Nanticoke falls, 55 miles; another from Bristol, up the Delaware river, to Easton, near the junction of the Lehigh and Delaware, 60 miles;* and another from French creek (a navigable

* This is what is usually called the Delaware canal, and is designed to be completed ultimately from Philadelphia to Carpenter's Point, forming a junction with the Morris and Lehigh canals at Easton, and with the Delaware and Hudson canal at Carpenter's Point, the boundary line between Pennsylvania and New-York. [*These canals are noticed in the subsequent pages of this work.*] It is divided into three sections: the lower section extends from Philadelphia to Bristol, distance 17 1-2 miles, estimated at \$11,474 per mile,

stream which rises within 10 miles of Lake Erie, and joins the Allegany 80 miles from Pittsburgh) to Muddy run, in the north west part of the state, 19 1-2 miles. The whole extent of canals placed under contract by the state commissioners in 1829, was 428 1-2 miles ; of which distance, 195 miles were then navigable, viz.

which is \$202,799. The middle section commences at Bristol and extends to Easton, distance 60 miles, estimated cost \$11,443 per mile, which is \$686,596. Upper section from Easton to Carpenter's Point, distance 70 miles, lockage 268 1-3 feet. Estimated by the commissioners to cost \$20,438 per mile ; do. by H. G. Sergeant, civil engineer, at \$18,580, which is \$1,300,608 34 : whole length of this canal 147 1-2 miles, cost \$2,190,003 34. This canal, when connected with the Delaware and Hudson canal, and the Belmont rail road to be constructed from the head of the canal at Dyberry, up a branch of the Lackawaxen and down the Starucca to Harmony, will open a communication between Philadelphia and the Susquehannah river, distance 227 miles. The length of the rail road will be about 30 miles, elevation and depression about 1200 feet. The location is favorable for a rail road, as there is an abundance of water on the whole route to operate the necessary stationary engines to overcome the gravity by inclined planes.

The state of New-Jersey also contemplates constructing a canal from the Rariton river in that state to the Delaware, distance 40 miles ; and an arrangement has been made by commissioners appointed by New-Jersey and Pennsylvania, by which each state, on certain conditions, shall have liberty to erect dams on the Delaware (which forms the boundary line between the two states) for the uses of the respective canals, and for hydraulic purposes.

From Pittsburgh to the head of the dam at Blairsville, 75 miles ; from the mouth of the Juniata to Lewiston, 45 miles ; from Middletown to Clark's Ferry, 24 miles ; from the mouth of the Juniata to Northumberland, 41 miles ; and on the French creek feeder, 10 miles. A great portion of the remaining 233 1-4 miles they reported to be nearly finished, and the whole in a state of rapid progress to the completion.

The amount then expended on these works was \$6,-406,000 ; the debts due, \$1,398,780 67 ; and the estimated amount of labor to be performed, of every description, \$2,060,742 39--making the total cost \$9,865,-533 06.

Besides these canals, are the following, belonging to incorporated companies :

The *Schuylkill Canal*, from Philadelphia up the Schuylkill river, intersecting the Union canal at Reading, to the Schuylkill coal mines at Mount Carbon—lockage 588 feet—length 108 miles, including 46 miles of slack water on the river. The navigation commenced in 1825, when the tolls received by the company amounted to only \$15,775 ; since which there has been a great annual increase—the tolls in 1829 having amounted to \$120,039.

The *Lehigh Canal*, from Easton, on the Delaware, up the Lehigh river to the coal mines at Mauch Chunk, and from thence to Stoddartsville. Length of the canal 46 miles, lockage 35 feet, slack water 38 miles, whole distance 84 miles.

THE COAL MINES.

Since the discovery and opening of the extensive coal mines in Pennsylvania, and the great internal improvements which have been made in the state, providing an easy communication to them, it has become almost a matter of course to embrace them within the tour of the middle and northern states. The Lehigh and Schuylkill, the principal mines already explored, are located from 100 to 120 miles in a north-easterly direction from Philadelphia, between a chain of mountains denominated the Blue Ridge and the Susquehannah river. The anthracite district is principally occupied by mountains running parallel to the Blue Ridge, often broad with table land summits, and rising generally about 1500 feet above the ocean. These summits, by repeated fires, have been principally divested of timber, and are generally too stony for tillage. The beds and veins of anthracite range from north-east to south-west, and may often be traced for a considerable distance by the compass ; but they have been found in the greatest quantity in sections most accessible by water. Extensive beds and veins range from the Lehigh to the Susquehannah, crossing the head waters of the Schuylkill and Swatara about ten miles north-west of the Blue Ridge. They are also found contiguous to the Susquehannah and Lackawanna. But in no part of the district does the anthracite exist in such apparently inexhaustible beds as in the vicinity of Mauch Chunk, a village situated on the Lehigh, 35 miles from Easton, and 108 by water from Philadelphia. The coal is there excavated on the flat

summit of a mountain that rises near 1500 feet above the ocean. It is disclosed for several miles on the summit wherever excavations have been made, and is indicated in many places by coal slate in a pulverulent state, on the surface. The mountain rises with steep acclivity, particularly on the north-west side, and when penetrated at various altitudes, discloses coal at about the same distance from the surface. In the deep excavations made on the summit, no termination of the coal has been found, and it is not improbable that anthracite forms the nucleus of the mountain for a considerable distance.

The coal is rendered accessible by removing from the flat summit gravelly loam, which is from a few inches to four feet in depth, and disintegrated slate with impure coal, from two to four feet. The coal rests in a horizontal position, narrow parallel seams of argillaceous schist intervening. Strong chalybeate springs, holding in solution sulphate of iron, issue from the mountain's side. The coal excavation on the surface is extensive, and from 30 to 40 feet deep, forming a hollow square, bounded by lofty mural precipices of coal. Waggon's are admitted by avenues that serve to discharge water from the mine.

Next to Mauch Chunk, Mount Carbon, or Pottsville, situated at the head of the Schuylkill canal, has been the principal source of the supply of anthracite. Many large veins are worked within three miles of the landing; and some have been opened seven miles to the north-east in the direction of the Lehigh beds. The chief veins wrought are, one situated on an eminence adjacent to the village; Bailey's mine, about 2 miles

from Pottsville and near the turnpike to Lunbury, and on the territory of the New-York Schuylkill company about 3 miles from the village. On almost every eminence adjacent to Pottsville, indications of coal are disclosed. The veins generally run in a north-east direction, with an inclination of about 45 degrees, and are from 3 to 9 feet in thickness. Commencing at or near the surface, they penetrate to an unknown depth, and can often be traced on hills for a considerable distance, by sounding in a north-east or south-west direction. Some veins have been wrought to a depth of 200 feet without a necessity of draining, the inclined slate roof shielding them from water. Where the ground admits, it is considered the best mode of working veins to commence at the back of a coal mine eminence, or as low as possible, and work up, filling the excavation with slate and fine coal, leaving a horizontal passage for the coal barrows. A section of a wide vein near Pottsville has been excavated by this mode several hundred feet into the hill.

On the extensive tract occupied by the New-York company, five miles from Pottsville, there are also inexhaustible coal beds, in the excavating of which from 300 to 400 hands are employed.

South-west of Pottsville the coal becomes more easily ignited, and that at Peter's mountain, a few miles east of Donville, is said to contain bitumen. It is probable that the coal in that vicinity embraces, like the Wilkesbarre, much more inflammable gas than the Lehigh, which may have led to the supposition that it was bituminous.

Anthracite is found on several of the streams that discharge into the Susquehannah, on its eastern side. A large bed exists a few miles easterly from Berwick, and numerous veins occur from an elevated part of the Wilkesbarre mountain, to the Kingston and Shawnese mountains, that form the western border of the basin of Wyoming. Veins of coal in the vale of the latter,* about 125 miles north-west of Philadelphia, are not only very numerous, occurring on almost every farm, but many are of uncommon thickness.†

Extensive beds of coal are also found adjoining the head waters of the Lycoming creek ; and a Lycoming Coal Company has already been chartered, with a capital of \$250,000. This coal lies in horizontal veins elevated considerably above the ordinary level of the adjacent country, and is, of course, mined with much less difficulty than in many other districts. The state canal up the west branch of the Susquehannah river intersects with the Lycoming creek, to the mouth of

* The valley of Wyoming is rendered memorable in history from the bloody massacre of the white settlers by the Indians, commanded by Col. Butler during the revolution, and immortalized in song by the beautiful poem of Campbell. The village of Wilkesbarre, on the Susquehannah river, has been built near the place of this massacre. Solomon's creek, a tributary stream, and which unites with the Susquehannah in this valley, contains two very romantic falls, a short distance from Wilkesbarre.

† For the preceding sketch of the coal region, the editor is mostly indebted to the Journal of Science and Arts, an invaluable work, published at New-Haven, Conn. by Professor Silliman.

which, the company are authorized to construct a rail road, 20 miles in length. When completed, they will have an uninterrupted rail road and canal communication to Philadelphia, distant, by land and water, 260 miles. When the Columbia and Philadelphia rail road shall have been completed, this distance will be lessened 40 miles. This mine is advantageously located for supplying the city of New-York and the south-western part of the state, and will doubtless prove of great value to the company.

Route to the Schuylkill Coal Mines, by canal.

Boats leave Philadelphia daily for Mount Carbon, and though the progress by canal is somewhat tardy, the tourist will nevertheless find himself amply compensated by selecting this mode of conveyance, in the rich and diversified scenery which awaits him. From Philadelphia to the Fairmount Dam, the Schuylkill is lined with newly erected wharves; and every thing indicates the great advantages which are daily resulting to a numerous population from the internal improvements of the state.

MANAYUNK, the first village on the route, worthy of note, was commenced in 1819; since which it has grown with much rapidity, and contains several extensive manufactories and a number of handsome dwellings. Shortly after passing Manayunk, the canal enters a basin connected with the river, which is used for boats until reaching the

PLYMOUTH Locks, where the canal is about two thirds of a mile long; when it again enters the river.

Near these locks is a large spring, from which sufficient water flows to turn a mill.

NORRISTOWN, 16 miles above Philadelphia, is handsomely located on the north bank of the Schuylkill. It is the capital of Montgomery county, and contains a number of elegant dwellings. It was formerly the residence of the celebrated Doct. Rittenhouse.

POTTSTOWN, or POTTS GROVE, 18 miles above Norristown, is a pleasant village on the east bank of the river.

READING, 16 miles farther, and 51 from Philadelphia, located on the east side of the river, is the capital of Berk's county. It is a flourishing town, regularly laid out, and is inhabited principally by Germans. Its population is between 4000 and 5000. Near this place the Union Canal, noticed at page 61, commences. Six miles from Reading is a cutting of 60 feet in depth through a solid rock; the contract for which having been taken by a Mr. Duncan, the spot is called *Duncan's Job*. From this place to the Blue Ridge, the Schuylkill winds through a valley in which there is considerable limestone, the fissures and cavities of which in some places rendered the formation of a retentive canal difficult.

HAMBURGH is situated on the east side of the river, 15 miles above Reading, near the Blue Ridge. It is a pleasant and thriving village, near which is what is called the *Mountain Dam*, 27 feet high. The passage of the Schuylkill and canal through the Blue Ridge is interesting and romantic. The mountains bordering

the ravine are lofty and precipitous, presenting ledges of old and red sand stone, with coarse and fine silicious gray wacke. The turnpike winds on the mountain side at a great elevation above the stream, giving to the traveller a sublime and varied scenery. The navigation through the pass, or what is called the Schuylkill Water Gap, is effected by stone dams of magnitude and permanent construction ; and groups of locks, water falls and broad sheets of water are frequent.

After passing the Water Gap, the next object of attraction is the *Tunnel*, which has been bored through a hill 375 yards for the canal. The village of Orwisburgh is 3 miles farther ; from which to

MOUNT CARBON OR POTTSVILLE is 8 miles. This place, centrally located in the coal region, has attained an astonishing growth within a very short period. In 1824 it was a wilderness ; in 1829 it contained 223 tenements, and a population of 2700 inhabitants. It also contains a printing-office, from which a well conducted weekly journal is issued, a reading room, and 7 or 8 large public houses, which are constantly crowded with strangers. The town is destined to become a place of great business.

The coal in this region has been described in the preceding pages of this work. Besides the numerous facilities afforded for its transportation by water, several rail-roads have been constructed, or are rapidly progressing in the immediate vicinity of Mount Carbon. Among these are the Schuylkill Valley Rail Road, 10 miles ; the Mount Carbon, 8 miles ; the Mill Creek, 3 miles ; the West Branch, 17 miles ; and the Little Schuylkill, 22 miles—making an aggregate of 61 miles.

The Mount Carbon rail-road, which is nearly completed, commences at the landing on the Schuylkill, and passes through Pottsville up to the heads of the Norwegian creek. From its commencement to its termination, there is not a quarter of a mile in which it does not cross one or more veins of coal, at right angles. The whole valley watered by this creek, is redolent with coal of the finest quality, among which are the extensive veins of Messrs. White, Morris, Nichols, Offerman, Ridgeway, Wetherill and the North American and New-York Companies; the Centreville, Peach Mountain, Mulberry, Flowery Field and Mount Laughfee tracts on the east; the Maderia, Mine Hill, and others on the west.

The West Branch rail-road commences at Schuylkill Haven, and extends up to the confluence of the West and west West Branches of the Schuylkill, from whence branches are to follow the direction of the two streams to the foot of the Broad Mountain, making a distance, altogether, of about 17 miles.

The Little Schuylkill rail-road extends to the river of that name, a branch of the principal stream. It rises 20 miles north east of the Gap in the Blue Ridge, the place of its outlet.

The amount of coal sent down the Schuylkill canal in 1828, was 47,417 tons; in 1829 the quantity was increased to 78,788 tons; and notwithstanding the vast supplies from the Lehigh and other mines, the quantity was insufficient for the demand. It is supposed that the Schuylkill canal alone is capable of conveying to market from 350,000 to 400,000 tons annually.

Speaking of the coal region, and the rapid rise of villages and increase of population in its vicinity, the Pottsville Journal of the 23d of January, 1830, says: "First on the list of fame and improvement is *Port Carbon*, including the additions of Messrs. Lawton, Rhoads, Swift, Pott and Patterson. This was laid out about a year ago—it has now about sixty or seventy buidings, which will be more than doubled next season. This place will in the spring be enlarged by an addition of Mr. Coomb's, which is now being laid out by Mr. John Smith, jun., surveyor, on the south side of Schuylkill, between the upper landings and the first lock. This will contribute much to the facilities of the place, as it will include some fine landings, and a spacious basin will also be erected.

"Pursuing our course up the route of the Valley Rail Road, we next come to Tuscarora, Middleport, Patterson, New Philadelphia, and Tuscarora again. The three former places are at the intersection of the large lateral road which leads up the creek tributary to the river—the latter is at the head of the main rail-road, built by Messrs. Lyons and Lawton.

"Up the Mill Creek Rail Road, about two miles, we have St. Clairsville, and at its head New Castle, where the road from Port Carbon intersects the Centre Turnpike. Both those places have extensive water powers, and are admirably located for mills, &c.

"At the junction of the West Branch of the Schuylkill with the main river, Schuylkill Haven is a beautifully situated place, which will be the mart of all the immense coal region of the West and west West Branches; this location is destined to be the focus of an ex-

tensive business. Minersville is another site on the same branch, nearly west of our place, (Pottsville.) This, from its situation among extensive collieries, will soon become a populous place, as the residence of those engaged in the coal business. Further up, on the Broad Mountain, is Carbondale, which also promises to be a place of some importance. These are our principal locations—many of them must become places of considerable importance. The immense accumulation of mining population, as well as others not directly engaged in the coal business, renders it necessary that they should congregate in the most favorable situations for the conveniences of society.”

Route to the Lehigh Coal Mines.

From Orwisburgh, a stage can be taken to Mauch Chunk, at the Lehigh coal mines, a distance of 15 miles in a north-eastwardly direction. This route is recommended to travellers from the south, designing a general visit to the coal region. From the north, the most direct route is, to pursue the line of the Morris canal from Newark, N. Jersey, to Easton, or the route from New-York to Schooley's Mountain, and from thence to Easton, proceeding up the Lehigh to Mauch Chunk. A very common route from Philadelphia to the Lehigh is by steam-boat to Bristol, 20 miles up the Delaware, and from thence by stage through Newton and New-Hope to Easton, 50 miles farther. This route is mostly on the bank of the Delaware, and passes through a pleasant section of the country, affording a rich and diversified scenery.

MAUCH CHUNK.

The village of Mauch Chunk is situated on the western bank of the Lehigh, in a deep romantic ravine, between rocky mountains that rise in some parts precipitously to 800 or 1000 feet above the stream. Space was procured for dwellings by beaking down the adjacent rocks, and by filling a part of the ravine of the Mauch Chunk creek. A portion of this stream has been transferred to an elevated rail-way, and is used to propel a grist mill. The village contains about 150 dwellings, belonging principally to the Lehigh Company, who have between 800 and 1000 men in their employ. Mauch Chunk seems by nature designed for a place of business, but as there is not sufficient room, owing to the approach of the mountains to the Lehigh, for a town of much size, the business of the place will most likely be confined pretty much to the shipment of coal.

THE MAUCH CHUNK RAIL-ROAD leads from near the coal mines on the mountain down an inclined plane to the Lehigh river. It is eight miles long, and has been in operation 3 or 4 years. The sleepers on which the rails rest, as well as the rails, are of wood ; the latter plated with iron. Experiments have been made as to the velocity that might be obtained for the cars loaded with coal and the horses and mules to draw them back to the summit when the coal had been discharged ; and it has been found, that though the speed of the cars might be increased to thirty or forty miles an hour with safety, yet the beasts, as well as the men who guided the cars, became in a few days sickly, on account of

the rapid and confused appearance of objects as they were passed on the way. The directors of the company have therefore been compelled to limit the velocity of the cars to 14 miles an hour in their descent, to obviate the disagreeable consequences of the more rapid motion. Pleasure carriages sometimes go up this rail-way with strangers; but the more common practice is to go up in the returning cars. The road generally passes along a narrow shelf, with precipices on its side not unfrequently of from 300 to 600 feet. At the end of the rail-road, the cars are let down to the river on an inclined plane of 700 feet, equal to a perpendicular descent of 200 feet.

A tunnel, 12 feet high, 20 wide and nearly 800 long, was cut through the mountain by the company in 1826, for the purpose of shortening the passage to a bed of coal supposed to lie on the other side. This labor was lost, as no coal was found in the direction of the tunnel. The beds belonging to the company, however, are inexhaustible in other directions.

The LEHIGH CANAL was noticed at page 67. The LEHIGH RIVER is a copious rapid stream, and rises by various mountain branches forty miles north-west of Mauch Chunk, which unite below Stoddartsville, (to which place it is designed to extend the navigation,) 25 miles above Mauch Chunk. The fall of the river between these two places is 845 feet. Eleven miles below Mauch Chunk, it passes through the Kittatinny range of mountains, and in the intermediate space falls 245 feet. From the Lehigh Water Gap, or passage thro' the Kittatinny, to its junction with the Delaware at

Easton, 35 miles, it falls 205 feet; making the entire fall from Stoddartsville 1210 feet. To overcome the descent from Mauch Chunk to Easton, 21 dams and 52 locks have been found necessary. They are located at the head of rapids, enabling the navigator to command an artificial freshet, when the stream from its dispersion would not otherwise admit of the passage of boats. Water from the dam is copiously admitted into a rail-way that extends to the foot of the rapid. The gates are attached by hinges to the bottom of the lock, and rise by the force of water admitted from a floom, constructed parallel with the lock, and remain suspended, forming a section of the dam. If the gate of the floom is closed, the water between the gates passes off, and they fall by their own weight and the pressure of the water from the dam.

The **LANDING**, or Lausanne, above Mauch Chunk, from its location at the head of the navigation, and at the commencement of the turnpike road leading to the Susquehannah, will in a short time become a place of deposit for merchandize and produce, destined to and from the upper country. The Nesquehoning creek here empties into the Lehigh, and will tend much to bring the town forward and render it a place of business, as from the extensive water power which this stream affords, manufactories can be established at comparatively a very small expense. Eight miles below Mauch Chunk is the pleasant village of

LEHIGHTON. The ground plot of the town is laid out upon an elevated piece of table land, and the lots are sufficiently large to afford an extensive garden and yard

to each dwelling. The village commands a prospect of the river and canal ; the valley in which the town of Weiss Port is located ; the Blue Mountain in the distance, and a nearer view of the Mahoning mountain and the Lehigh hills. The Mahoning creek flows at the foot of the Mahoning mountain, and empties into the Lehigh within half a mile of the village, where has been discovered a mineral spring, the waters of which have proved highly beneficial in many cases of disease and debility.

The LEHIGH WATER GAP is 3 miles farther. The river is here confined within very narrow limits, being bounded on either side with the bold and precipitous Kittatinny mountains. The scenery is in a high degree wild, picturesque and frequently sublime. Below the mountains the features of nature are less magnificent, but still follow in a romantic succession of strongly contrasted and elegant landscapes.

BETHLEHEM is 11 miles from the Water Gap. It is a settlement of the Moravians, or United Brethren. The situation is healthful and pleasant, and it is a place much resorted to in the summer months. The church belonging to the society, is one of the largest in the state, though exhibiting in its structure much plainness. From its steeple, a very beautiful, picturesque and extended view can be obtained. In one direction the scene stretches for upwards of 20 miles along the course of the Lehigh and the Water Gap, the wandering explorations of the eye terminating at the Blue Mountain range.

When a death occurs, a part of the choir ascend the steeple, where a requiem or funeral hymn is sung for their departed brother or sister. The body is subsequently placed in what is termed the "corpse house," a building detached from all others, where it remains three days, typical of the death and burial of the Saviour, and then is interred in the church yard. This is divided into various departments and methodically arranged, though with much plainness and simplicity.

The society take charge of their own poor, of which, however, there are very few ; a strong argument in favor of their regulations.

The town is supplied with water from the Monockosy creek. The works are said to be the oldest in the state, having been in operation more than eighty years. Those at Fairmount, Philadelphia, are constructed upon similar principles. The house where Gen. La Fayette lay during his recovery from the wound he received at the battle of Brandywine, is pointed out here. His nurse on that occasion has continued to reside in the place ever since, and received a visit from him when he was last in this country.

EASTON is 12 miles from Bethlehem, and is the capital of Northampton county, Penn. It is located on the Delaware river, immediately above the entrance of the Lehigh, in a valley between the Musconetunk mountains. Several rude and isolated hills stand in the valley, commanding extensive views and giving to the place a picturesque appearance. The town is tastefully laid out, with an open square in the centre, and contains several handsome dwellings. Its public buildings

are a court house, jail, poor house, 3 churches, a bank and an academy. A bridge extending across the Delaware at this place cost \$60,000. There is also a chain bridge across the Lehigh.

The location of Easton is highly favorable for trade ; and it will ultimately become one of the most important towns in the state. Besides the great advantages here possessed for manufacturing purposes, and the contiguity of the place to the Delaware and Lehigh rivers, it is the point at which three important canals, the Delaware, the Lehigh and the Morris, when completed, will concentrate. The two first have been already noticed. (See pages 65 and 67.)

The MORRIS CANAL extends from Easton to Newark, N. Jersey, a distance of 86 miles, and from thence to Powle's Hook, opposite New-York, 8 miles further, lockage 1600 feet, which is to be surmounted by inclined planes. The eastern section of this canal was completed in 1829. From Newark to Patterson, the country through which the canal passes is beautiful. At the latter place, a view of the extensive manufactories is had, located on the north. On the south, the canal for some distance is bounded by mountainous rugged cliffs, the rocky excavations through which were attended with great labor and expense. Four miles above Patterson is what is called the Grand Aqueduct across the Passaic river at the Little Falls. This aqueduct may justly be ranked, for its admirable construction, workmanship, space of the arch and elevation, with the greatest objects of curiosity in artificial navigation, and altogether may be considered superior to any thing of

the kind in this country. Half a mile further is an aqueduct across the Pompton river, a work of considerable magnitude. The whole route, indeed, from Newark to Easton is interesting; and when the canal is completed, which is contemplated the present season (1830) it will not only greatly lessen the price of Lehigh coal at New-York, but will be frequently used by strangers as the travelling route between the coal region and that city.

From Easton to the Delaware Water Gap, the distance is 23 miles. The route proceeds up the river to Richmond, 14 miles; from thence to Williamsburgh, 4 miles; and from the latter place to the Water Gap, 5 miles. The current of the stream is here contracted at the base of two lofty mountains in opposite directions, between which the passage is extremely narrow. It is supposed that here was formerly a barrier over which the river flowed in the form of a cataract, which was subsequently worn away, leaving a smooth unruffled current. The scene is wild and highly interesting.

From Easton to the Delaware Wind Gap, an important passage through the Blue Mountains, is 12 miles, in a northwardly direction.

From Easton to Schooly's Mountain, and thence to New-York, the whole distance is 71 miles, as follows :

	Miles.		Miles.
From Easton to Phil-		Morristown,.....	6
ipsburgh,.....	1	Passaic river,.....	7
Top of Schooly's		Newark,.....	11
Mountain,.....	24	New-York,.....	10
Mendham,.....	12		

SCHOOLY'S MOUNTAIN, in New-Jersey, is a place of fashionable resort from New-York, in the summer months, owing to its cool, airy and healthful situation, and to the extensive prospect afforded from its top ; on which there is an excellent public house. Within a mile of its summit there are mineral springs, which are usually resorted to by visitants at the mountain house.

NEWARK, N. J. which is located on the route, and which is within 10 miles of that city, is one of the most elegant villages in the union. It is situated near the west bank of the Passaic river, 3 miles from its mouth, and is laid out in regular streets, the principal being 200 feet wide. The public square, near the centre, is very handsome, and is surrounded by a number of elegant private dwellings. The public buildings in the place are a court house, jail, two banks, an academy and six churches. The population is between 6000 and 7000.

Having thus far diverged from the usual route to the north, for the purpose of describing the coal region, and the most interesting natural and artificial objects connected therewith, we return to Philadelphia, to resume the regular excursion.

FROM PHILADELPHIA TO NEW-YORK.

The routes and modes of conveyance being various, we give a sketch of each, that the traveller may make such selection as shall be most agreeable.

BY LAND AND WATER.

VARIETY 1. *By the Trenton and New-Brunswick steam-boat line.*—A steam-boat is taken at Philadelphia.

at 6 A. M. which proceeds up the Delaware, touching at Burlington, N. J. distant 18 miles, Bristol 1 mile, Bordentown 9 miles, to Trenton 5 miles farther. Here a stage is taken for New-Brunswick, N. J. 26 miles from Trenton, the route passing through Lawrenceville 6 miles, Princeton 4 miles, Kingston 2 miles, from whence to New-Brunswick is 14 miles. A steam-boat is again taken, which touches at Amboy 13 miles, Elizabethtown Point 12 miles, from whence to New-York is 10 miles. The whole distance on this route is 94 miles, and the boats run daily, starting from each city at the same hour in the morning.

VARIETY 2. *By Bordentown and South-Amboy.*—Boats leave at 6 A. M. and land passengers at Bordentown, 28 miles distant, from whence a stage is taken, passing through Cranberry 15, Spottiswood 10, South-Amboy 8, to North-Amboy 2 miles. A steam-boat is here taken, which passes Elizabethtown Point as before. The whole distance on this route is 85 miles, and is performed between the two cities by day-light.

VARIETY 3. *By Staten Island.*—The route is the same as that mentioned in Variety 1 to New-Brunswick ; from whence a steam-boat is taken, passing Woodbridge 10, Staten Island Sound (new ferry) 4, Castle-ton 7, Lazaretto 1, to New-York 5 miles. Whole distance 84 miles. The view afforded of Staten Island and its scenery on this route is unusually fine and interesting.

LAND ROUTE—94 miles.

	<i>Miles.</i>		<i>Miles.</i>
From Philadelphia to		Cross the Delaware to	
Rising Sun,.....	4	Lambertsville, N.J.	1
Milestown,.....	3	New Meeting,.....	3
Tacony creek,.....	2	Old Ringos,.....	3
Jenkintown,.....	2	Rariton Bridge,.....	14
Abington, ...	1	Somerville,.....	4
Willowgrove,.....	2	Roundbrook,.....	4
Hatborough,.....	2	Plainfield,.....	6
Cross Roads,.....	4	Scotch Plains,.....	3
Neshaminy Bridge,..	3	Springfield,.....	6
Greenville,.....	5	Camptown,.....	4
Great Spring,.....	3	Newark,.....	3
New Hope,.....	2	New-York,.....	10

This route may be varied so as to pass through New-Brunswick ; or it may be continued up the Pennsylvania side to Easton, and from thence by Schooly's Mountain to New-York. (See p. 84.)

The prices of fare from Philadelphia to New-York vary from \$2 to \$3.50, and the route is usually performed in 12 hours.

THE STATE OF NEW-JERSEY,

Through which the route extends, is bounded on the north by New-York ; east by New-York and the Atlantic ocean ; south-west by the Delaware Bay, which divides it from Delaware ; and west by Pennsylvania. The south-east part of the state is low and sandy ; the middle part abounds with hills, and in the upper part there is a continuation of the Blue Ridge and South Mountains commencing in Pennsylvania. On the latter chain is Schooly's Mountain, noticed at page 85. The principal towns through which the traveller gen-

erally passes are Burlington, Bristol, Bordentown, Trenton, Princeton and New-Brunswick.

BURLINGTON is the capital of the county of the same name, is 12 miles below Trenton and 18 above Philadelphia. It is delightfully situated, and contains some handsome public and private houses.

BRISTOL is on the opposite side of the Delaware, 19 miles from Philadelphia, in Bucks county, Pennsylvania. This place contains several fine residences, and is an attractive and interesting country village. Some of its flower gardens, which are unusually elegant, and located on the margin of the river, add much to the beauty of its appearance.

BORDENTOWN, 24 miles from Philadelphia, and 6 below Trenton, is noted as the residence of the Count de Surveilliers, the ex-king of Spain, whose elegant mansion was within a few years burnt by accident, but is now rebuilt with additional embellishment and magnificence. His villa commands a fine view of the river. The soil around it is unproductive; but by the aid of culture and art, his residence now exhibits an appearance of taste and munificence worthy the princely fortune and dignity of its proprietor. From Bordentown a stage route is established to South-Amboy. (See p. 86.)

TRENTON, the capital of the state of New-Jersey, is situated on the Delaware river, 30 miles from Philadelphia. It contains about 4000 inhabitants, a state house, two banks, and six houses of public worship. At Tren-

ton the steam-boat navigation on the Delaware terminates. The river here forms a considerable rapid or falls, near which is an elevated bridge, about a quarter of a mile long, neatly roofed, and the sides enclosed to secure it from the weather. The distance between Trenton and New-Brunswick is passed by an excellent line of post-coaches, which leave the former place immediately on the arrival of the boat. This route affords the traveller a fine view of the most fertile section of the state; and, making all allowances for roads, which are ordinary, it is, in other respects, by no means devoid of interest.

This section of New-Jersey is full of interest. Some of the most important scenes of the revolution, and those which gave a point and character to the American war, here transpired at the most gloomy period of that contest. It was for a length of time in the possession of the English, and was the theatre of much carnage and bloodshed. The capture of a detachment of English and German troops in December, 1776, at Trenton, was the first signal victory that crowned our arms in the revolutionary contest. It cheered the drooping and depressed spirits of our little army, and imparted new vigor to the cause of liberty. The retreat of Washington with his troops, from Trenton, considering the circumstances which surrounded him, and the secrecy with which it was accomplished, may be justly contemplated as one of the most successful movements of that eventful period.

PRINCETON is located on an elevated piece of land 10 miles from Trenton, 16 from New-Brunswick, 40 from

Philadelphia, and 50 from New-York. It overlooks an extensive prospect, and is a very handsome village. It contains a college, theological seminary, a presbyterian church, and about 100 dwelling houses. The college of New-Jersey was founded in 1738. It has a president, 3 professors, and 2 tutors.

The theological seminary was established in 1812, by the general assembly of the presbyterian church. It has 3 professors, a respectable library, and upwards of 100 students.

In the college yard are the remains of the presidents of the institution, Burr, Edwards, Davis, Finley, Witherspoon and Smith.

NEW-BRUNSWICK is the starting place for the New-York steamboats. In this village is the theological seminary, under the direction of the synod of the Dutch reformed church. The village also contains a court house, gaol, a college edifice, and five churches.

PERTH AMBOY is 13 miles from New-Brunswick, 35 south-west of New-York, and 74 north-east of Philadelphia. Its harbor is one of the best on the continent, and its shipping in 1816 amounted to 10,899 tons.

ELIZABETHTOWN, 12 miles in a south-westwardly direction from New-York, is pleasantly situated on a creek emptying itself into Staten Island Sound. A steamboat plies between the point and New-York.

STATEN ISLAND, constituting the county of Richmond, is 14 miles long and 8 wide. It was the residence of the late vice-president Tompkins, and contains several delightful country seats.

On approaching New-York, the most prominent objects that meet the eye, are Fort La Fayette, Castle Williams, the lofty spires of Trinity and St. Paul's churches, and the Catholic cathedral.

NEW-YORK.

This city is situated on the point of York Island, at the confluence of the Hudson and East rivers, in latitude 40. It was founded by the Dutch, in 1615, under the name of New-Amsterdam, and was incorporated by the British in 1696. The island on which it stands is 15 miles long, and from 1 to 3 miles broad. The city is situated on the south part of the island, and extends along the Hudson about 2 miles, and from the Battery along East river nearly 4 miles. The early settlements were commenced at and near the Battery, from which streets were extended without reference to order or regularity ; and this accounts for the seeming want of taste in laying out the streets towards the docks and harbor.

The BATTERY is situated at the south-west point of the city, opposite to Governor's island. It is handsomely laid out into gravel walks, and tastefully decorated with shrubbery and trees. It is much frequented by the citizens in the warm season, as well for the purpose of partaking of the refreshing sea breeze, as for enjoying the prospect, which, from this place, includes the harbor with its various shipping, Governor's island, Bedlow's island, and Ellis' island, on each of which are military stations, the shores of New-Jersey and Long Island, with the flourishing town of Brooklyn, and the numerous country seats in its vicinity.

CASTLE GARDEN, connected with the battery by a bridge, is much frequented during the summer evenings. It has a fine promenade, and is often rendered attractive by a display of fire works from its enclosure, and other amusements.

BROADWAY, the most splendid street in the city, runs through the centre and extends 3 miles in length and about 80 feet in width. It is the great and fashionable resort for citizens and strangers, and is much crowded during pleasant weather. In this avenue are Grace, Trinity and St. Paul's churches, the Adelphi Hotel, City Hotel, National Hotel, Franklin House, American Hotel, Washington Hall, Masonic Hall, and a variety of shops with elegant and extensive assortments of merchandize of every description.

Opposite Trinity church, Wall-street opens, which contains the Exchange, most of the banks, together with the principal part of the brokers' and insurance offices. At the termination of Wall-street, is the Tontine coffee house, an extensive and handsome establishment.

On passing up Broadway still farther, is Cedar and Courtland streets, both of which lead to the Hudson river, where the steam-boats start for Albany. At the foot of Courtland-street is the ferry to Jersey city. A little further up is Fulton-street, on the corner of which and Broadway stands St. Paul's church. Fulton-street leads to the East river; along the docks of which are the steam-boats for the New-England ports. A little below are the boats for Newport and Providence—above, for Bridgeport, Saybrook, Hartford, New-Lon-

don and Norwich. The New-Haven boats lie at Fly market dock, still farther below.

Above St. Paul's church is the Park and City Hall, situated in the centre of the city, the former containing about 11 acres, which are ornamented with much taste, and enclosed by a substantial iron railing. It furnishes a cool and fashionable resort for men of business and pleasure, after the fatigue and heat of a summer's day. On the right is the Park Theatre, and on the left Park Place, on the west side of which is Columbia College. The next street above Park Place is Murray, which leads to the Hoboken ferry.

Of the public buildings, the most prominent and important is the

CITY HALL, the front of which is built of white marble. It is 216 feet long, 105 feet broad, and, including the attic story, 65 feet high. The rooms for holding the different courts of law are fitted up in a rich and expensive style. The room for holding the mayor's court contains portraits of Washington, of the different governors of the state, and many of the most celebrated commanders of the army and navy of the United States. The foundation stone of this building was laid in 1803, and the whole finished in 1812, at an expense of \$500,000. It is one of the most elegant edifices in America, and reflects great credit on the inhabitants for their munificence and taste.

The MERCHANT'S EXCHANGE in Wall-street, is also a superb structure of white marble. Its front on Wall-street is 114 feet, and its depth, extending to Garden-street, 150 feet. The main body of the building is two stories high, besides the basement and an attic story.

About two thirds of the basement is occupied for the post-office, including a spacious corridor for the convenience of persons visiting the office, with entrances leading thereto from Wall and Exchange streets. The portico of the building, to which a flight of marble steps ascends, is ornamented with Ionic columns 27 feet high. In the centre is the Exchange, of an oval form, 85 feet long, 55 feet wide and 45 feet high, surmounted with a dome, from which light is reflected. The whole is imposing, and affords a delightful promenade. From the Exchange are doors and passages leading to a commercial reading room and numerous newspaper and other offices within the edifice. From the attic story, a flight of stairs leads to a telegraphic room in the cupola, where signals are made, and returned from the telegraph at the Narrows, 7 1-2 miles distant. The height of the cupola above the attic story is 60 feet. The cost of this building, including the ground, was \$230,000. It was commenced in 1824, and completed in 3 years thereafter.

THE UNITED STATES BRANCH BANK, in Wall-street, is an elegant white marble building, 60 feet in front. The lot on which it was erected cost \$40,000.

TRINITY CHURCH, in Broadway, at the head of Wall street, from its antique appearance, generally attracts the notice of strangers. The first church on this spot was erected in 1696. Originally small, it was enlarged in 1737 ; but during the fire which destroyed the west part of the city in 1776, while the British troops were in possession, it was destroyed, and not re-built till 1788. The present building is of stone, in Gothic style, and much like the old one, except a diminution in size, and

has a steeple 198 feet high. It contains a chime of bells, the only set in the city, and an excellent organ.

The cemetery surrounding it is ancient, and is enclosed by a substantial and costly iron railing. No interments have taken place in this cemetery for some years, owing to a law prohibiting sepulture within the populous parts of the city ; but it has been ascertained by authentic records kept, that more than one hundred and sixty thousand bodies have been here deposited (exclusive of the 7 years of the revolutionary war, when no records were kept)—an amount nearly equal to the present population of the city. Among the illustrious dead who repose in this hallowed spot are the remains of Gen. Hamilton and Capt. Lawrence. The monument over the grave of the former contains the following inscription :

“To the memory of ALEXANDER HAMILTON, the corporation of Trinity church has erected this monument in testimony of their respect for the patriot of incorruptible integrity, the soldier of approved valor, the statesman of consummate wisdom, whose talents and whose virtues will be admired by grateful posterity long after this marble shall have mouldered into dust. He died July 2, 1804, aged 47.”

Near this monument there is an inscription on a tomb so singularly and affectingly beautiful, we cannot forbear to record it, and the emotions it awakened in the bosom of a stranger, (whose words we quote.) It is an oblong pile of masonry, surmounted by a slab stone, on which are deeply cut the following words :

“MY MOTHER.

The trumpet shall sound and the dead shall rise.”

There are no other letters or characters to be found on the slab or pile. If there is one inscription in the thousand languages that are or have been of earth, fitted to retain its sublime meaning through every period of time up to the resurrection morning, it is this. The writer seemed aware that names would be forgotten and titles fade from the memory of the world. He, therefore, engraved the name by which he first knew her who gave him birth, on the stone—and the dearest of all names, that of *mother*, shall send a thrill through the heart of every one who may ever lean over this monumental pile. If any shall wish to know further of her who had a child to engrave her most enduring name upon a rock, he is sublimely referred to the sounding of the trumpet and the rising of the dead, when he may know all.

The monument to the memory of Capt. Lawrence, who was killed during the last war in an engagement between the U. S. frigate Chesapeake, which he commanded, and the British frigate Shannon, represents a broken column, as emblematical of his premature death. It was erected at the expense of the corporation.

ST. PAUL'S CHAPEL is a superb structure further up Broadway, near the Park. It contains a portico of the Ionic order, consisting of four fluted pillars of brown stone, supporting a pediment, with a niche in the centre containing a statue of St. Paul. Under the portico is a handsome monument erected by order of congress to the memory of Gen. Montgomery, who fell at the storming of Quebec in 1775, and whose remains were brought to New-York and interred beneath the monument in 1820. The spire of this church is 234 feet high ;

and the whole building is esteemed one of the best specimens of architecture in the city. In the church yard adjoining is an elegant monument, recently erected to the memory of Thomas Addis Emmet, an eminent counsellor at law, and brother of the unfortunate Irish orator, Robert Emmet. The plinth of the monument is one entire block, 7 feet square and 12 inches thick. The Egyptian obelisk, standing on its base, is also in a single piece, and is rising of thirty two feet high. The face towards Broadway is embellished with the American eagle, sheltering a harp unstrung, with a medallion likeness of Emmet, and with two clasped hands, having stars around one wrist and shamrocks around the other. On the north side is a Latin and on the south an Irish inscription.

ST. JOHN'S CHAPEL, in Varick street, opposite Hudson Square, is an elegant edifice, and the most expensive in the city, having cost more than \$200,000. Its spire is 240 feet in height.

ST. PATRICK'S CATHEDRAL, a Roman Catholic church, in Mott street, is the largest religious edifice in New-York. It is built of stone, is 120 feet long, 80 feet wide, and is a conspicuous object in approaching the city from the east.

There are nearly 100 other churches in the city, many of which were erected at a very considerable expense, and are an ornament to the sections of the city in which they stand.

COLUMBIA COLLEGE, above the City Hall, was chartered in 1750 under the name of King's College. The edifice and grounds attached are extensive, and are advantageously and handsomely located. The college

contains a chapel, lecture rooms, hall, library, museum, and an extensive philosophical and astronomical apparatus. The Hon. WILLIAM A. DUER, a gentleman of distinguished talents and learning, has been recently appointed president of the institution.

THE NEW-YORK SOCIETY LIBRARY, in Nassau street, was commenced in 1740, and at the commencement of the revolution contained 3000 volumes, which were destroyed or taken away by the British troops. It was re-established in 1789, and now consists of about 20,000 volumes, many of which are very rare and valuable.

THE ATHENEUM, Broadway, corner of Pine street, contains a reading room, which is open daily, except Sundays.

THE NEW-YORK INSTITUTION is in the rear of the City Hall. Its apartments are occupied by the Literary and Philosophical Society, the Historical Society, the American Academy of Fine Arts, the Lyceum of Natural History, the American Museum, and the Asylum for the Deaf and Dumb. The Historical Society has a library of 10,000 volumes, embracing many valuable works.

Near the institution are the Savings Bank and Panorama Rotunda ; and a little further up Broadway, the New-York Hospital. The annual expenditure in this institution is about \$40,000, and the annual number of patients from 140 to 180.

THE PARK THEATRE is a spacious edifice, adjoining the Park. It was originally built in 1798, at an expense of \$179,000, was destroyed by fire in 1820, and re-built the following year. It is 80 feet long, 165 deep, and 55

high, and has generally been more liberally patronized than any other theatre in the city.

The NEW-YORK THEATRE, in the Bowery, displays much architectural beauty, and, among the modern ornaments of the city, stands pre-eminent. It has a front of 75 feet, is 175 feet deep, and 50 feet high. It enjoys a handsome patronage.

Besides these places of amusement, there is a theatre in Chatham street, and a circus in Broadway, between Canal and Grand streets.

PRINCIPAL HOTELS.

The ADELPHI HOTEL, corner of Beaver street and Broadway, kept by Mr. John Ford, one of the proprietors of the U. S. Hotel at Saratoga Springs, is an elegant establishment, built of brick and stuccoed. Its situation is in a most delightful part of the city, fronting the Bowling Green and in full view of the Battery and harbor. It is six stories high, possesses spacious and airy accommodations, and contains several private parlors on the English plan, richly furnished, and rendered peculiarly desirable from the fine views presented, and the refreshing breeze which is experienced from the water.

The MANSION HOUSE, 39 Broadway, is a commodious establishment, pleasantly located, and enjoys a handsome patronage of genteel company.

The CITY HOTEL, a few doors north of Trinity church in Broadway, kept by Mr. Jennings, is an old and highly respectable establishment, and one of the most extensive in the city, containing more than 100 parlors.

and lodging rooms, (many of them designed for private families) besides an assembly room, principally used for concerts. The rooms are furnished in the best style, and the house, from its central location and good accommodations, has always enjoyed an extensive patronage.*

The NATIONAL HOTEL, kept by Messrs. Underwood & Curtis, nearly opposite the City Hotel, is a large and excellent house, well furnished, and well supported.

FRANKLIN HOUSE, Broadway, corner of Dey street, kept by Mr. Seymour, though not so extensive as some of the other establishments, is pleasantly located, furnished in good style, and enjoys a handsome patronage.

The AMERICAN HOTEL is delightfully situated, fronting the Park in Broadway, and is among the most favored establishments in the city. It is five stories high, and extends on Barclay street to the college of Physicians and Surgeons. Its public and private parlours and lodging rooms, which are numerous, are furnished in the best style, and it is extensively patronized by a fashionable and respectable company.

The WASHINGTON HALL is another extensive establishment in Broadway, corner of Reed street, handsomely fitted up and possessing excellent accommodations.

Besides these are PARK PLACE HOUSE, Broadway, opposite the Park ; PEARL-STREET HOUSE, Nos. 86 and 88, Pearl street ; NIBLO'S BANK COFFEE-HOUSE in Pine

* Several of the principal bookstores and libraries are in this part of Broadway.

street ; TONTINE COFFEE-HOUSE, corner of Wall and Water streets ; TAMMANY HALL, corner of Nassau and Frankfort streets, and several others of respectability, an enumeration of which will not be deemed necessary in this work.

PRIVATE BOARDING-HOUSES. The following are among the genteel and respectable private boarding-houses in Broadway, many of which are extensive, and fitted up in a style not inferior to the best hotels : M'Intyre's, No. 5 ; Mrs. Baker's, No. 13 ; Mrs. Wood's, No. 24 ; Mrs. Chapman's, No. 33 ; Mrs. Casati's, No. 35 ; Street's, No. 36 ; Mrs. W. C. Barker's, No. 40 ; Mrs. Keese's, No. 52 ; Pearcy's, No. 56 ; Mrs. Miller's, No. 57 ; Mrs. Helme's, No. 58 ; Mrs. Mann's, No. 61 ; Mrs. Southart's, No. 65 ; Storer's, No. 66 ; Mrs. Waldron's, No. 126 ; Mrs. Howland's, No. 140 ; Miss Wade's, No. 110.

The prices at these houses vary from \$1 to \$2 per day, and from \$5 to \$10 per week.

In point of population, this city is the first in the United States, containing probably not less than 190,000 inhabitants, and in respect of trade it is now and will probably continue the first commercial metropolis in America. Though it cannot vie with Philadelphia, in point of beauty and regularity, New-York exhibits an air of novelty and grandeur very imposing to a stranger. Its ever bustling streets and crowded wharves, indicate an uncommon spirit of commercial enterprize. Its local situation embraces every advantage for commerce ; and the canals, by opening an easy communication between the fertile regions of the west and north and the city of New-York, have produced an astonishing change in its growth and prosper-

ity. At no very distant period, New-York, with all its natural and artificial advantages, will probably become the greatest commercial metropolis in the world.

The NEW-YORK and LIVERPOOL PACKETS, which are fine vessels and elegantly furnished, sail from New-York, on the 1st, 8th, 16th, and 24th of every month; and in returning, leave Liverpool on the same days. There are 20 ships in this line. Passage in the cabin 30 guineas, including beds, bedding, wine, and stores of every description.

The NEW-YORK and LONDON PACKETS, touching at Cowes, sail from New-York on the 1st and 16th of every month; and in returning, leave London on the 10th and 25th of each month. There are 8 ships in this line. Passage to and from London, the same as to and from Liverpool, with similar accommodations.

NEW-YORK and HAVRE (France) PACKETS, sail from New-York on the 1st and 15th of each month; and from Havre on the same days. There are 12 ships in this line. Passage to or from Havre, 140 dollars, including the same accommodations as in the London and Liverpool packets.

Packets also sail from New-York for *Savannah*, once in each week—office 181 Front street; for *Charleston*, every Thursday—office at the same place; for *New-Orleans*, on the 1st and 15th of each month—office 62 South street; and for *Boston*, every Saturday.

PUBLIC COACHES.

Strangers visiting New-York are liable to suffer from exorbitant exactions for coach hire. To guard against this, the corporation have licensed an adequate num-

ber of hackmen, who may be found at several convenient stands in the city, each coach being numbered. The rules and regulations to which they are subjected, can be found in the "Picture of New-York and Stranger's Guide,"* a very useful and valuable directory, which should be in the hands of visitants.

EXCURSIONS.

Among the numerous places of fashionable resort in the vicinity of New-York, are Governor's, Bedlow's and Staten Islands, within the harbor; Orange Springs, near Newark, Passaic Falls, Schooley's Mountain, Long Branch, Hoboken and Weehawk, in New-Jersey, on the west; the tour of Long-Island, on the east; and Manhattan-Island, on the north.

The *Passaic Falls* are in Patterson, N. J. 22 miles north-west of New-York. The perpendicular pitch is 70 feet into a narrow and rocky chasm.† The scenery is wild and imposing; and the falls are among the greatest natural curiosities of this country. The Morris canal, noticed at page 83, passes near them.

Schooley's Mountain, 50 miles west of New-York, was noticed at page 85.

Long Branch, is 30 miles south of New-York, on the eastern shore of New-Jersey, and on the immediate

* Published by Mr. A. T. Goodrich, No. 124 Broadway, who keeps an excellent circulating-library and map establishment.

† It was at this place that the celebrated *Sam Patch* commenced his *jumping* career, which finally terminated at the falls on the Genesee river at Rochester.

bank of the Atlantic ocean, an extensive view of which is here obtained. A bathing establishment is erected, and the bank, which is elevated to a height of 30 or 40 feet for several miles, affords a beautiful promenade. Sandy Hook and Neversink can be visited on this route, the heights of the latter affording an extensive view of the marine coast.

Hoboken and *Weehawk* are on the west side of the Hudson river, opposite the northern parts of New-York, near which is the Hoboken *duelling ground*, which cannot be easily approached, except in a boat. A monument was here erected some years since to the memory of Gen. Hamilton: but it has since been removed.

Governor's and *Bedlow's Islands* are usually approached only in row boats, and are less frequented on that account.

Staten Island, south of the city, was noticed at page 90.

BROOKLYN, (on Long-Island,) directly opposite New-York, from which it is separated by the East river, is usually reached by steam-boats which are constantly plying between the foot of Fulton street and that village. It is a large town, having a population of about 15,000, and within a few years has arisen to much importance. Its contiguity to New-York, and the facilities afforded for communicating between the two places, have induced many merchants and men of business to select it as a place of residence in preference to the upper parts of the city. The village also contains several elegant country seats and public gardens. Those on the bank contiguous to the East river, from their elevated situation, overlooking the bay of New-

York, and commanding a view of a great part of the city, are peculiarly attractive and romantic. North-eastwardly of the village, on a tract of land called the Wallabout, is a U. S. navy yard, where are erected a house for the commandant, several spacious ware-houses, and an immense wooden edifice, under which the largest ships of war are built. The steam frigate *Fulton*, which lay near the navy yard, and which was an object of attraction, was blown up at this place in 1829, occasioning the loss of several lives.

Brooklyn is intimately connected with important events of the revolution, and in its vicinity are pointed out some remaining vestiges of fortifications and military works erected during that eventful period. The road to Flatbush (4 miles east) crosses the ground on which the battle of the 27th July, 1776, was fought, which resulted in a severe loss to the Americans and the capture of Generals Sullivan and Sterling. The marshes in which so many lives were lost in retreating from the British army, are south of this.

From Brooklyn to Jamaica, a pleasant village, and the capitol of the county of Queens, is 12 miles ; and from thence to Rockaway, bordering on the Atlantic, is 9 miles farther. The roads to this place being excellent, it is much resorted to in the summer months. A fine view of the ocean is obtained, which, from its unceasing roar and turbulence, is rendered unusually sublime.

Manhattan Island, on which New-York is located, is 15 miles long, and on an average one and a half broad ; the Hudson river bounding it on the west, the Harlæm river on the north, the East river on the east, and the bay on the south. A tour of the island can be performed in a few hours, and will be found to be highly

diversified and interesting. Passing up on the west side, the Asylum for the Insane, on very elevated ground about 7 miles from the city, the heights of Fort Washington, Harlæm and Kingsbridge, are visited ; and in returning on the east side, Hurl Gate, the Alms-House and House of Refuge.

Hurl Gate is a narrow and apparently a dangerous strait in the East river, in which, at low water, there are numerous whirlpools or currents, occasioned by huge masses of rock projecting in various places; giving to the river only a very contracted passage. At high water, these masses are more or less concealed, and the current is in a degree unruffled. Losses of vessels were formerly experienced here ; but none have been known in some years. To avoid the dangers, however, incident to the navigation, a project has been broached of opening a ship canal between Pot and Hallet's Coves. A survey of the proposed route has been made, and the result of the examination is, that the length of the canal, to secure a sufficient depth of water in the coves, will be 2439 running feet, viz. 470 of excavation below high water, 1369 of high upland with indication of rock, and 600 of salt marsh. As the tide rises and falls in Hallet's Cove several minutes sooner than in the Pot, (Hurl Gate,) it would be necessary to have two pairs or gates at each extremity. A draw-bridge would also be necessary, to accommodate the ferry road which communicates from the Point at Hallet's Cove with the New-York shore, at the foot of 87th-street. The maximum cost is rated at \$162,152 for the entire completion of a canal 137 feet in width at high water on the surface, 80 at bottom, and

23 in depth, which would be sufficiently capacious for a line of battle ship. It is, however, believed that a ship canal 17 feet deep at high water, 82 feet wide between the banks, and 40 at bottom, would be preferable; in which case the cost of completion has been estimated at \$54,548.

DISCOVERY OF THE HUDSON.

From the collections of the New-York Historical Society, we are enabled to glean the following sketch of the first discovery of the Hudson river; which may not be uninteresting to tourists about to embark on its waters:

John D. Verrazzano, a Florentine, in the service of Francis I. of France, had been entrusted with the command of four ships, in cruising against the Spaniards. These vessels being separated in a storm, the commander resolved, with one of them, to undertake a voyage for the discovery of new countries. About the middle of March, 1554, he accordingly arrived on the American coast, and after having visited the coasts of North-Carolina and Georgia, he directed his course northward, and entered the harbor of the present city of New-York. He describes the islands (Staten, Manhattan, &c.) as "fruitful and pleasant, full of hie and broad trees, among the which islands any navie may ride safe, without any feare of tempest or other danger." He stayed in the harbor about 15 days.

Nearly a century elapsed before any farther discoveries were made on this part of the continent. It was reserved for Henry Hudson to make the first voyage up the Hudson river. After having visited several har-

bors, he entered the strait now called the Narrows on the 6th September, 1609. A boat was manned and despatched by him to explore what appeared to be a river. In this service the boat's crew were engaged in the bay and adjacent waters during the day. On their way back to the ship, they were attacked by the natives in two canoes. A skirmish ensued, in which one of Hudson's men, named Colman, was killed by an arrow which struck him in the throat, and two more wounded. The next day the remains of Colman were interred on a point of land not far from the ship; which, from that circumstance, received the name of Colman's Point, and which was probably the same that is now called Sandy Hook.

On the 12th, Hudson first entered the river which bears his name, and sailed up about two leagues. He was visited by great numbers of the natives, who brought him Indian corn, tobacco, beans and oysters in great abundance. They had pipes of yellow copper, in which they smoked; and earthen pots, in which they dressed their food.

From the 12th to the 22d September, Hudson was employed in ascending the river. He describes it as abounding with great stores of salmon. In his passage he was visited by many of the natives, but always in an amicable manner. He sailed up, as is supposed, a little above where the city of Hudson now stands; beyond which he himself never ascended. From this place he despatched a boat, (not considering it safe to proceed farther with his vessel,) manned with five hands, which ascended the river, it is supposed, as far as where the city of Albany now stands.

During this excursion, Hudson gave to some of the Indians ardent spirits for the purpose of making an experiment on their tempers. He says they all became merry ; but only one was completely intoxicated. A tradition still exists among the six nations, that a scene of intoxication occurred when the first ship arrived ; having reference, doubtless, to this event.

Hudson began to descend the river on the 23d of September, having frequent intercourse with the Indians on his way down, from whom he experienced kind treatment, until he descended below the Highlands. Here they attempted to rob the ship, and repeatedly shot at the crew. He directed several muskets to be discharged at them, which killed ten or twelve. These conflicts occurred frequently during the 1st and 2d of October ; but none of the ship's crew were injured.

On the 4th of October, one month from the time he first landed at Sandy Hook, he sailed out of the river and proceeded to sea, reaching England the 7th of November following.

Hudson did not give his own name to the river he discovered. It was called by the Iroquois Indians, Cahohatatea ; by the Mohiccans, Mahakaneghtuc, and sometimes Shatemuck. Hudson styled it the " Great River," or the " Great River of the Mountains." The name of its discoverer, however, was given to it soon afterwards.

Hudson, in a subsequent voyage for the East India Company, became a prey to the mutiny of his men in the bay which bears his name. He was forcibly put into a boat with his son and seven others, who were mostly invalids, and, in this manner, inhumanly abandoned. They were never heard of more.

FROM NEW-YORK TO ALBANY,

A distance, by water, of 144 miles, and by land, measuring between the respective post-offices, of 160 miles, a communication is alternately kept up by a line of stages in the winter season, and by steam-boats during the absence of the ice in the Hudson. The monopoly which formerly existed in favor of the North River Steam-boat Company, has, by a decision of the United States Court, been done away; the consequence of which has been to multiply the number of opposition steam-boats upon the Hudson, and to reduce the price of fare, which, at present, including board, is not over \$3 to Albany, and in some of the boats not more than \$1. The following is a table of distances between the two places :

DISTANCE BY WATER FROM

	place to place.	New-York.	Albany.
New-York, ...			144
Wehawken,.....	6	6	138
Palisadoes, southern termination, ...	2	8	136
Fort Washington,.....	4	12	132
Tappan Bay, southern extremity,...	12	24	120
Sing Sing, ...	8	32	112
Haverstraw Bay, ...	2	34	110
Stoney Point, ...	5	39	105
Verplank's Point, ...	1	40	104
Horse Race, (Highlands,).....	2	42	102
Anthony's Nose,.....	3	45	99
West Point,.....	5	50	94

DISTANCE BY WATER FROM

	place to place.	New-York.	Albany.
Pollopel Island,.....	6	56	88
Newburgh,.....	4	60	84
Milton,.....	11	71	73
Poughkeepsie,.....	4	75	68
Hyde Park,.....	5	80	63
Rhinebeck, ...	10	90	53
Redhook, lower landing,.....	7	97	46
Redhook, upper do.	3	100	43
Catskill,.....	11	111	32
Hudson,.....	5	116	27
Coxackie,.....	8	124	19
Kinderhook,.....	1	125	18
New Baltimore,.....	5	130	13
Schodack, ...	4	134	9
Albany, ...	10	144	

Boats leave New-York and Albany at 6 and 10 o'clock A. M. and 5 P. M., and the trip is usually performed in from 12 to 14 hours. An early morning boat will prove the most interesting to those who have never performed the route by day-light ; as it will afford an opportunity of witnessing the rich scenery and numerous villages and country seats between the two cities.

All the boats stop at the principal places on the river for the purpose of landing and receiving passengers. Till within two or three years, accidents were not uncommon at the landing places, owing to the continued motion of the boat ; but by a late law, captains and

masters are required to stop their boats, whenever passengers are landed or received on board.

The spirit of accommodation which is manifested in all the boats, is owing probably to the rivalry existing between them. Passengers are well entertained, and every attention is shewn that can contribute to their comfort and convenience.

THE PASSAGE OF THE HUDSON.

Besides the pleasure of a steam-boat passage, the Hudson river presents to the tourist a variety of natural scenery which it will be difficult to find elsewhere in a journey of the same extent. To the gratification derived from a prospect of the beautiful and sublime objects of nature, the effect of the most striking contrast is added, to render the scene truly picturesque and enchanting. On the one hand are seen summits, crowned with forests, apparently impenetrable to the footsteps of cultivation, and on the other, beautiful and extensive lawns, checkered with the abodes of husbandry, and glowing in all the rich verdure of summer; while in the same circumstances of vision may be seen the fading view of some town or city, and in perspective a perpetual opening scenery of forests and cultivation, plains and mountains, towns and villages, imparting to the beholder all the charms of novelty, with the highest emotions of the sublime.

WEEHAWKEN, about 6 miles from the city, on the west side of the river, is pointed out to the traveller as the ground on which Gen. Hamilton fell in a duel with Col. Burr. It is a small spot on the margin of the river, with huge rocks on three sides, effectually screen-

ing it from the observation of man, except from the river; and probably has, for that cause, been selected as a suitable place for settling affairs of honor. Till within a few years, it contained a monument erected to the memory of Gen. Hamilton by the St. Andrews society; but it has been removed. His body was deposited in the ground attached to Trinity church in the city, where there is a handsome monument, enclosed in an iron railing. (See pages 95 and 104.)

The PALISADOES, which make their first appearance on the Hudson, about 8 miles from New-York, are a range of rocks, from 20 to 550 feet in height, and extend from thence to Tappan, a distance of about 20 miles. In some places they rise almost perpendicularly from the shore, and form, for several miles in extent, a solid wall of rock, diversified only by an occasional fishing hut on the beach at their base, or wood slides down their sides, and sometimes by an interval of a few acres of arable land, affording an opening for a landing place and a steep road leading to their top. On the opposite side of the river the land is varied by hill and dale, cultivated fields and woods, with cottages and country seats. The land in this place, however, back from the river, rises in rocky hills, and becomes more precipitous as you advance into Westchester county.

Twelve miles from New-York, the boat passes the site of FORT LEE, on the brow of the Palisadoes, at the height of 300 feet above the river; nearly opposite to which, on a high hill on the east side of the river, stood FORT WASHINGTON. In October, 1776, after the

evacuation of New-York by the American troops, followed the battle of White Plains, by which name is known the high ground on the east, between the Hudson river and the Sound above Kingsbridge, whence Washington retreated to Peekskill. Fort Washington was then taken by the Hessians and British, and the garrison, composed of 2600 militia and regular troops, surrendered prisoners of war. The surrender of Fort Lee followed soon after Washington crossed the Hudson. There was also on the east side another fort, called Independence.

Twenty four miles above New-York the river expands and forms what is called TAPPAN BAY. The little village of Tappan, a place of much note during Andre's and Arnold's conspiracy, is situated on its western shore. The spot of Andre's grave is still pointed out near this village, though his remains, a few years since, were conveyed to England, by order of the British government. This bay is from 2 to 5 miles wide, and 8 miles long, terminating at Teller's Point.

About a mile above Tappan village, on the eastern shore, is the village of TARRYTOWN, where Andre was captured by Paulding, Van Wart and Williams, the American militia-men. Paulding died some years ago, and a monument was erected over his grave by the corporation of New-York. Van Wart died more recently, and a monument to his memory has been erected by the citizens of Westchester county. It is a neat structure of white marble, consisting of a base of three ascending steps, and a pedestal upon which stands an obelisk; in all being from fifteen to eighteen feet high. It stands by the road side, in a retired valley in the

town of Greensburgh, about three miles east of Tarrytown. A little creek winds its way through the valley, bending round to the north in the course of a few miles, until it leaps into the bosom of the Hudson at Yonkers. The following inscriptions are copied from the pedestal of the monument :

ON THE NORTH SIDE.

“ Here repose the mortal remains of

ISAAC VAN WART,

An elder of Greensburgh church, who died on the 23d of May, 1828, in the 69th year of his age. Having lived the life, he died the death of a christian.”

ON THE SOUTH SIDE.

“ FIDELITY.

“ On the 23d of September, 1780, ISAAC VAN WART, accompanied by John Paulding and David Williams, all farmers of the county of Westchester, intercepted Maj. Andre, on his return from the American lines in the character of a spy ; and, notwithstanding the large bribes offered them for his release, nobly disdained to sacrifice their country for gold—secured and carried him to the commanding officer of the district, whereby the dangerous and traitorous conspiracy of Arnold was brought to light—the insidious designs of the enemy baffled—the American army saved—and our beloved country, now free and independent, rescued from most imminent peril.”

ON THE EAST SIDE.

“ VINCIT AMOR PATRIÆ.

“ Nearly half a century before this monument was built, the conscript fathers of America had, in the senate chamber, voted that ISAAC VAN WART was a faith-

ful patriot—one in whom the love of country was invincible—and this tomb bears testimony that the record is true.”

ON THE WEST SIDE.

“The citizens of the county of Westchester erected this tomb in testimony of the high sense they entertained for the virtuous and patriotic conduct of their fellow citizen, and as a memorial sacred to public gratitude.”

Near the northern extremity of Tappan Bay, on the eastern shore, is the Sing Sing state prison. It comprises 800 dormitories or solitary cells, is 4 stories high, and occupies about 50 by 500 feet of ground. From each end of the main building, which stands parallel with the river, in a westerly direction, are carried out wings, 300 feet in extent, forming a spacious inner yard open only to the river. The wings, composed of marble, are constructed for workshops, a chapel, kitchen, hospital, &c. The chapel is of sufficient dimensions to hold 900 persons. The keeper's house, on the southeastern end of the main building, is also constructed of marble. The number of convicts in the prison in 1829, was about 600. Its erection was commenced in 1825; and its cost is estimated at rising of \$200,000.

HAVERSTRAW BAY commences 34 miles from New-York, and terminates at Stoney and Verplanck's Points; being about 6 miles in length, and from 2 to 4 in width. Haverstraw village is on the west side of this bay.

The HIGHLANDS, or Fishkill Mountains, which first appear about 40 miles from New-York, will attract notice, not only from their grandeur and sublimity, but also from their association with some of the most impor-

tant events of the revolution. This chain of mountains is about 16 miles in width, and extends along both sides of the Hudson, to the distance of 20 miles. The height of the principal has been estimated at 1565 feet. According to the theory of Doctor Mitchell, this thick and solid barrier seems in ancient days to have impeded the course of the water, and to have raised a lake high enough to cover all the country to Quaker Hill and the Laconick Mountains on the east, and to Shawangunk and the Catskill Mountains on the west ; extending to the Little Falls of the Mohawk, and to Hadley Falls on the Hudson—but by some convulsion of nature, the mountain chain has been broken, and the rushing waters found their way to the now New-York bay. At the entrance of the Highlands, on the south, is the site of an old fort on Verplank's Point, opposite to which stood the fort of Stoney Point, which was taken from Gen. Wayne in 1778, and re-taken by him the same year. About two miles north of this, what is termed the *Horse Race* commences. This consists of an angle in the river, which, for a little more than a mile, takes an eastwardly direction, contracted to a very narrow space within bold and rocky mountains ; one of which, ANTHONY'S NOSE, is 1228 feet high, and is opposite the mouth of Montgomery creek, overlooking Forts Montgomery and Clinton. These forts, under command of Gen. Putnam, were captured by the British troops under Sir Henry Clinton in 1777, when on his way to co-operate with Gen. Burgoyne, the news of whose surrender, however, reached Sir Henry when he had proceeded as far as Kingston, 50 miles higher up, and changed his advance into a retreat. Bloody Pond, so called,

from its being the place in which the bodies of the slain were thrown after the defences of these forts, is in the rear of Fort Clinton.

WEST POINT, one of the most impregnable posts during the revolutionary war, is situated on the west side of the Hudson, near the entrance of the Highlands on the north. It formed one of the most important fastnesses of the American army during the eight years contest with the British nation; and the consequence attached to it, in a military point of view, was evinced by the repeated but unsuccessful efforts of the enemy to obtain it. It was here that Arnold conceived the horrid purpose of bartering his country for gold. This conspiracy, however, which aimed a death blow at liberty in the western hemisphere, resulted only in the universal contempt and ignominy of Arnold, and in the lamented death of the unfortunate Andre. There are here at present a number of dwelling-houses, and a military academy, built on the plain which forms the bank of the river, 188 feet in height, to which a road ascends on the north side of the point. In the back ground, and elevated on a mass of rocks 598 feet in height, is the site of Fort Putnam. Silence and decay now mark the spot of this once formidable fortress. Its mouldering ruins, however, convey a pretty correct idea of the impregnable barrier its ramparts once presented to the enemies of freedom.

The MILITARY ACADEMY here established by congress, was first organized under the direction of the late Gen. Williams, in 1802. Of the number of applicants for admission to this institution, a preference is usually

given, first, to the sons of officers of the revolution ; and secondly, to the sons of deceased officers of the late war. None are admitted under the age of 14 years, nor above the age 22. The number of cadets is limited to 250, each of whom costs the government \$336 annually ; and the whole establishment is maintained at an annual expense of \$115,000. In addition to the various sciences which are taught here, the cadets are instructed in all the practical minutix of tactics ; comprehending the lowest duties of the private soldier, as well as the highest duties of the officer. They are also required to encamp for 6 or 8 weeks in a year ; during which time they are instructed in the manner of pitching and striking tents, in the various infantry evolutions, and in all the details of the camp.

The following table, shewing the number of cadets, who had entered and left this academy from its organization to Sept. 2, 1828, may not be uninteresting to many of the readers of these pages :

	Admitted.	Commiss'ned.	Resigned.	Discharged.	Died.	Remaining.
Maine,.....	20	3	6	2		9
New-Hampshire,.....	30	17	6	2		9
Massachusetts, ...	91	53	32	3	2	12
Connecticut,.....	39	27	9	1		8
Rhode Island,.....	14	5	4	2		4
Vermont,.....	48	38	8	3	2	4
New-York, ...	218	107	69	29	3	32
New-Jersey,.....	30	14	10	3		7
Pennsylvania,.....	110	42	43	17	2	26

	Admitted.	Commiss'ned.	Resigned.	Discharged.	Died.	Remaining.
Delaware, ...	18	6	7	2		4
Maryland, ...	75	31	29	11	1	12
Virginia, ...	140	49	63	24	1	20
North Carolina, ...	62	18	30	7	1	13
South Carolina, ...	50	21	27	3		7
Georgia, ...	31	8	13	2	2	9
Kentucky, ...	59	16	22	11		17
Tennessee, ...	39	10	15	7	3	8
Ohio, ...	44	15	13	7	1	14
Indiana, ...	14	5	6	2		4
Louisiana, ...	11	4	4	2		3
Alabama, ...	8	2	2	3		3
Mississippi, ...	9	4	4			2
Illinois, ...	7	2	1	2		3
Missouri, ...	14	8	5	2		1
Michigan, ...	6	3	2			2
Arkansaw, ...	2		1	1		1
England, ...	1	1	1			
Florida, ...	3		1			
District of Columbia, ...	61	24	27	5	2	5
Not Designated, ...	35	1	18	9		
Total,	1289	540	477	162	202	39

The report of the Board of Visitors to this institution in 1829, was highly creditable to the superintendant, Col. Thayer, and the officers and cadets. As important appendages to the present buildings, the board recommend the erection of one for military and other exercises in winter and bad weather, and a house for public worship.

Several of the buildings at West Point are elegant, and among the number may be ranked a new and spa-

cious hotel. It has been erected in a style and on a scale which render it a great ornament to the grounds. It is substantially built of stone, painted yellow, and the lower story is surrounded on its sides with extensive piazzas, forming a delightful promenade. Its rear is upon the Hudson, and presents a delightful view up the river through the Highlands. The front faces the parade ground and the ground used for the encampment.

In the morning, the cadets drill as artillery, in front of the camp. The system followed is that of Lallemand. The drill of the afternoon is that of infantry. But the principal attraction to the visiter is the morning and evening parade, in which the whole battalion, with the exception of the guard, is drawn out and carried through the manual, by the officer commanding.

Near the north eastern extremity of the grounds, at the projecting point forming the abrupt bend of the river, stands a monument of white marble, consisting of a base and short column, on the former of which is simply inscribed on one side, "Kosciusko," it having been erected to the memory of that distinguished patriot, who resided here. Another monument stands on the N. W. corner of the grounds near the road from the landing to the hotel, upon a small hillock. It is a plain obelisk about 20 feet high, erected by Gen. Brown to the memory of Col. E. D. Wood, a pupil of the institution, who fell leading a charge at the sortie from Fort Erie, on the 17th September, 1814.

On the bank of the Hudson at the south eastern extremity of the parade ground, and several yards beneath, is a spot called Kosciusko's garden, or Kosciusko's retreat. It is the place to which the Polish patri-

ot was accustomed to retire to study, and which was cultivated by his own hands. Though now neglected, the marks of cultivation are perceptible in the regularity of the walks and the arrangement of the trees. A more delightful spot for recreation or repose cannot be imagined, nor one more suitable as a retreat from the cares of the great world, or a sanctuary for unfortunate patriotism or persecutd virtue.

MAJOR ANDRE.

The fate of this gallant young officer will ever be associated with the scenes at West Point. It was here the infamous Arnold conceived his traitorous purposes against the liberties of his country, which brought upon him the contempt and execration of the world, and cost the unfortunate Andre his life.

Benedict Arnold was a native of the state of Connecticut, and from the first commencement of hostilities he had distinguished himself as a brave soldier, and an enterprising and skilful commander. He had succeeded in the bold and difficult attempt to invade the Canadas from the state of Maine, where the sufferings of himself and soldiers had excited the sensibility of the nation towards him. At Quebec, on Lake Champlain and at Saratoga, he had acted a distinguished part ; and at the time of his appointment to the command of West Point, which was in November, 1779, he bore an honorable testimonial of his attachment to his country, in the wounds which he had recently received at the surrender of Burgoyne.

The residence of Gen. Arnold was at the house and farm of Col. Beverly Robinson, opposite West Point, on

the east bank of the Hudson.* It was here that Gen. Arnold made the first proposals to surrender West Point, and the forces under his command, to the British army. The agents on the part of the British were Col. Beverly Robinson and Maj. John Andre, who held frequent communications with the American general from on board the Vulture sloop of war, then lying at Haverstraw Bay, about ten miles below Stony and Verplank's Points.

Major Andre, at that time 29 years of age, had, from the natural amiableness of his character, and his superior accomplishments as a citizen and a soldier, acquired the unreserved confidence of his officers, and was emphatically considered the favorite of the British army. In early life he had formed an attachment with a lady whom he addresses by the name of Delia, and to whom he had devoted all the leisure afforded from the intervals of a mercantile profession, until the news of her marriage with a more successful rival, drove him, disappointed and unfortunate, to the bustling pursuits of the camp. His biographer remarks: "There was something singularly interesting in the character and fortunes of Andre. To an excellent understanding, well improved by education and travel, he united a peculiar elegance of mind and manners, and the advantages of a pleasing person. His knowledge appeared without ostentation. His sentiments were elevated, and in-

* This house is still a conspicuous object. The house, also, in which Arnold fixed his head quarters at the latter place is still standing, and is occupied.

spired esteem, as they had a softness that conciliated affection. His elocution was handsome—his address easy, polite and insinuating. By his merit he had acquired the unlimited confidence of his general, and was making rapid progress in military rank and reputation. But in the height of his career, flushed with new hopes from the execution of a project the most beneficial to his party that could be devised, he is at once precipitated from the summit of prosperity, and sees all the expectations of his ambition blasted, and himself ruined.”

A night in the month of September, 1780, was chosen for the fatal interview between Arnold and Andre. Under the pretence of a correspondence with the British general, on the subject of a treaty of peace, Arnold had succeeded in enlisting in his service an intelligent and respectable citizen of the name of Smith. Under his direction a boat was despatched to the Vulture sloop of war, then lying across the Bay of Haverstraw, about 12 miles distant, to convey the British agent to the place appointed by Arnold for their meeting. On examining the papers, it was found that a pass had been sent for Col. Beverly Robinson, and also a blank pass for whomsoever should be selected for the important trust. In the latter pass was inserted the name of John Anderson, under which name Andre consented to be conveyed to the shore from whence he was destined never to return.

The place appointed for the interview was at the foot of a mountain called Long Clove, on the west side of the Hudson. Hither Gen. Arnold had repaired, and on the arrival of Andre was found secreted in a thick grove of firs, the scene of their subsequent conference. After considerable conversation, which lasted till the dawn of

day, it was found impracticable for Andre to return without being discovered from the neighboring forts of Stoney and Verplank's Points. He was, therefore, conveyed to the house of Smith, the person who had brought him to the shore, and who afterwards accompanied him on his way to New-York. At this house he procured a coat in exchange for his military dress which he had worn on shore, and on the evening of the day after his arrival, set out in company with Smith, and under a pass from Gen. Arnold, for White Plains. The first night of their journey was spent at a Mr. M'Koy's, about 8 miles from the place of their departure. The next day they rode, without any interruption, as far as Pine's Bridge, across the Croton river, which empties into the Hudson on its west side, at the head of Tappan Bay. Here, having received the necessary instructions as to the road he was to take, Andre the next morning took leave of his guide, and pursued his journey. He had not proceeded more than six miles, when he was arrested by three militia-men by the names of Paulding, Williams and Van Wart, who, with others, were on a scouting party between the out-posts of the two armies. These men stopped Major Andre in a narrow part of the road, at a place near Tarrytown, by suddenly seizing his horse by the bridle. Instead of immediately producing the pass which had been furnished him by Gen. Arnold, Andre inquired where they belonged to? They answered, "To below." Not suspecting any deception, he replied, "So do I;" and declaring himself to be a British officer, he entreated that he might not be detained, being on pressing business. This declaration was followed by further inquiries,

which excited still more suspicion, and at length induced a resolution on their part to detain him. Finding himself thus surprized, and a prisoner, he made use of every persuasion to regain his liberty, and offered a very valuable gold watch for his release ; but it was all to no effect. They asked for his papers, which being refused, they commenced searching him, and memorandums, in Arnold's hand-writing, relating to the forces and defences of West Point, were found concealed in his boots.

Despatches were immediately forwarded to General Washington, together with a letter from Major Andre to General Arnold, apprizing him of his arrest and detention. In consequence of some mistake of the messenger, information of the circumstances reached Arnold some time before Washington was apprized at all of them. Upon the receipt of the letter, Arnold seized the messenger's horse, and immediately proceeded down a precipice to the river, where boats were always ready to pass to and from West Point, and jumping into one of them, he directed the hands to row him down the river to the Vulture sloop of war. In the mean time information had been received by Washington, and scarce had Arnold passed Stoney and Verplank's Points when Col. Hamilton arrived at the latter place with orders to stop him.

Andre was arrested on the 23d of September ; and a board of general officers were immediately summoned, by order of Gen. Washington, for his trial. The circumstances of the case were the subject of much excitement in both the American and British armies, and created much sympathy in favor of Andre. After an

inquiry of a number of days, the court determined that Andre ought to be considered as a spy from the enemy, and that, agreeably to the law and usage of nations, he ought to suffer death.

This sentence was protested against, on the ground that Andre had been admitted into the American camp under the protection of a flag, and at the immediate instance of Arnold, the commanding officer of the district, whose safe passport and return he had a right to demand. But the sentence was consented to be waived only on condition of delivering Arnold into the custody of the American army; which being refused by the British general, Andre was executed on the 2d of October, 1780, at Tappan or Orangetown, where his remains were deposited.

A respect to his memory induced the British government, a few years since, to convey his remains to England, where they were deposited in the family vault of the prince regent, the now reigning monarch, George IV. The place of his interment on the Hudson was marked by a solitary cypress. On opening the remains, it was discovered that the roots of the cypress had entwined their branches around the skull of the deceased. The tree, it is said, now serves to embellish the private garden of George IV.

The four surviving children of Gen. Arnold have become pensioners of Great Britain, and receive annuities of £100 sterling each.

POLLOPEL ISLAND is situate at the northern entrance of the Highlands, 6 miles above West Point. It consists of a mass of rock, and rises near the centre of

the river, between Breakneck Hill on the east and Butter Hill on the west. The altitude of the latter is 1529 feet—the former is 1187 feet in height, and contains the rock called the Upper Anthony's Nose.

NEW-WINDSOR. Passing the Highlands, the prospect changes into a very agreeable contrast. The bay of Newburgh with the village of the same name, and New-Windsor, and on the opposite shore the village of Fishkill, with its numerous adjacent manufactories and country seats, together with a view of the Hudson for many miles above, form a prospect which cannot fail to impart much interest. The village of New-Windsor stands on the margin of the river, 7 miles from West Point. It is calculated for a pleasant place of residence, but in business it must yield to the rival village of

NEWBURGH. This is an incorporated village, situated on the declivity of a hill on the west side of the Hudson, 10 miles north from West Point, and 84 south from Albany. It contains about 600 houses, and a population of 4000 inhabitants. From its situation it commands an extensive intercourse and trade with the country on the west, and, by means of the Hudson river, with New-York. This place was for some time the head quarters of the American army during the revolutionary war; and the "stone house" in which Gen. Washington quartered is still standing. On the opposite side of the river from Newburgh is Beacon Hill, one of the highest summits of the Fishkill mountains, where parties of pleasure frequently resort, in the summer season, to witness an extent of prospect including

a part of the territories of five different states. This hill is 1471 feet in height. Half a mile south is the New Beacon, or Grand Sachem, 1685 feet above the level of the Hudson. They are called Beacon Hills, from the circumstance that beacons were erected on their summits during the revolutionary war. The continuation of this chain of mountains is lost in the Appalachian Range on the north east, and extends south as far as the eye can reach. Diminished in distance, is seen West Point, environed by mountains, apparently reposing on the surface of the Hudson, and bathing their rocky summits in the clouds.

MILTON, is a small hamlet, situated on the west side of the Hudson river, in the town of Marlborough, 11 miles from Newburgh. This place is called the half-way place between New-York and Albany, being 72 1-2 miles distant from each. Two and a half miles south of Milton, on the east side of the Hudson, is the mansion house of the late Governor George Clinton.

POUGHKEEPSIE, 15 miles north of Newburgh, is situated one mile east from the Hudson, on the post road from Albany to New-York, and was incorporated in 1801. The village is about the same size of Newburgh, handsomely located, and a place of considerable trade. It is laid out in the form of a cross, the two principal streets crossing each other at right angles. A road leads down a long steep hill from Poughkeepsie to the landing on the Hudson river. This landing is 3 miles above Milton. About 5 miles farther north is

HYDE PARK LANDING, on the east side of the Hudson river, near which are a number of country seats.

The first is the mansion of Judge Pendleton—one mile farther is the seat of H. Wilkes, Esq.—from thence 3 miles up the river, stands the residence of Gen. M. Lewis, where is a landing place, leading to Staatsberg, one mile distant, in the town of Hyde Park. Two miles farther north is the residence of R. Tillotson, Esq. From thence to Rhinebeck Landing is 3 miles*—thence to Redhook Lower Landing, where are the mansions of J. R. Livingston and W. Radcliff, is 7 miles—thence to Redhook Upper Landing, 3 miles—thence 2 miles to the seat of the late Chancellor Livingston—thence 7 miles to the manor house of the late Lord Livingston—thence one mile to Oakhill, the residence of the late J. Livingston, now possessed by Harmon Livingston, Esq.—thence one mile to

CATSKILL. This village takes its name from a large creek which flows through it, and empties into the Hudson at that place. It is situated on the west bank of the river, 32 miles from Albany, and contains about two hundred and fifty dwellings, and 2000 inhabitants. On Catskill creek are already a number of mills and manufactories, and the general appearance of the vil-

* Near this place, on the west side of the river, is the commencement of the Delaware and Hudson canal. It extends in a south-westwardly direction to the forks of the Dyberry on the Lackawaxen river, Pennsylvania, distance 103 miles, lockage 1438 feet. It was originally intended by the company to have extended this canal to Keen's pond, 13 miles from its present termination, but it has been abandoned and a rail road substituted, which extends 3 miles west of Keen's pond to the Anthracite coal mines of Pennsylvania.

lage is highly flattering, as it respects its future growth and prosperity. This village is in the immediate neighborhood of the *Katsbergs* or *Catskill* mountains, which are seen for many miles along the Hudson, and here assume a truly majestic and sublime appearance. The highest elevation of this range of mountains is in the county of Greene, from 8 to 12 miles distant from the river, including the *Round Top*, 3804 feet, and *High Peak*, 3718 feet in height. The village of Catskill, which has hitherto been visited, principally by men of business, has recently become the resort of people of fashion and pleasure, who design a tour to the

PINE ORCHARD, a place which, for five or six years past, has attracted the attention of all classes of men, and still continues to draw to it numbers of those who are fond of novelty, and especially of the sublime and romantic scenery in which it abounds. Regular stages leave Catskill for the Pine Orchard twice a day. The fare is the moderate price of one dollar. The whole distance is 12 miles, computed as follows: From the village to Lawrence's tavern, 7 miles—from thence to the foot of the mountain, 2 miles—from thence to Pine Orchard, 3 miles. This distance is passed, in going, in about 4 hours—in returning, in about 2 hours. The country through which the road passes has nothing interesting in its appearance, until it reaches the mountain, being generally uneven and barren, and diversified with but one or two comparatively small spots of cultivation, upon which the eye can rest with satisfaction. A short time is usually taken up at Lawrence's, for the purpose of refreshment, before encountering the

rugged ascent of the mountains. This part of the road is generally good, but circuitous, and often passes on the brink of some deep ravine, or at the foot of some frowning precipice, inspiring at times an unwelcome degree of terror. The rock upon which stands the hotel of Mr. Charles H. Webb, forms a circular platform, is of an uneven surface, and includes about six acres. It is elevated above the Hudson upwards of 2200 feet.* The Hotel is 140 feet in length, 24 feet in width, and 4 stories high, and has piazzas in front the whole length, and a wing extending in the rear for lodging rooms.

* Capt. Patridge, who visited the Catskill mountains in 1828, made the following barometrical observations :

Altitude of the Mountain House, at the Pine Orchard, above the surface of the Hudson river at Catskill village, 2212 feet.

Do. of the same above site of Lawrence's tavern, 7 miles from Catskill, 1882 feet.

Do. of the same above the turnpike gate at the foot of the mountain, 1574 feet.

Do. of the same above Green's bridge, 947 feet.

The foregoing results were derived from a series of barometrical and thermometrical observations, made on the 17th July, 1828. The altitude of the Mountain House, as above stated, was the result of two distinct series of observations, made in going from the Catskill village to the house, and returning from the same to the village. The ascending series gave an altitude of 2225 feet, and the descending series an altitude of 2203 feet. The mean of these two extremes gives 2212 feet. This result Capt. P. considered as a very near approximation to the true altitude.

The building is owned by the "Catskill Mountain Association," an incorporated company, with a capital of \$10,000. It is well furnished, and possesses every convenience and accommodation requisite to the comfort and good cheer of its numerous guests. The prospect from Pine Orchard embraces a greater extent and more diversity of scenery than is to be found in any other part of the state, or perhaps in the United States. The vast variety of fields, farms, villages, towns and cities between the green mountains of Vermont on the north, the highlands on the south, and the Taghkanick mountains on the east, together with the Hudson river, studded with islands and vessels, some of which may be seen at even the distance of 60 miles, are apparent in a clear atmosphere to the naked eye; and when the scene is gradually unfolded, at the opening of the day, it assumes rather the appearance of enchantment than a reality. It is not uncommon, at this place, to witness storms of snow and rain in their seasons, midway the mountain, while all is clear and serene on its summit. About two miles from the Hotel, are the KAATERSKILL FALLS, which take their name from the stream on which they are situated. This stream takes its rise from two small lakes, half a mile in the rear of the Hotel; and after a westerly course of a mile and a half, the waters fall perpendicularly 175 feet, and after pausing a moment on a projection of the rock, plunge again down a precipice of 85 feet more, making the whole descent of the falls 260 feet. The road to the falls is extremely rough; but this objection will hardly deter the traveller from a visit to a spot so novel and romantic.

ATHENS, five miles above Catskill, is an incorporated village, and contains 1000 inhabitants. Its situation, on a gentle slope of land, rising gradually from the river, gives it a very favorable appearance. The vicinity of Athens to Hudson, immediately opposite, seems to forbid that importance in point of trade, its location might otherwise warrant. Athens furnishes a number of beautiful scites on the bank of the river; some of which are already occupied by the elegant mansions of private gentlemen.

The CITY OF HUDSON stands on the east side of the river, 27 miles south from Albany. The plain on which Hudson is situated rises abruptly from the river, by banks from 50 to 60 feet in height; and terminates on the east, at the foot of high lands, which overlook the city at an elevation of some hundred feet, and furnish a prospect of the Hudson river and scenery for many miles in extent. The city contains a population of about 7000 inhabitants, and is daily increasing in wealth, population and commerce. Claverack creek on the east, and Kinderhook creek on the north, afford every facility for mills and manufactories, in which Hudson abounds; and which have entitled it to the third rank, in manufactures, in the state. On the opposite side of the Hudson appear a number of country seats with the farm houses and cultivation in the neighborhood of Athens and Catskill, bounded by the lofty Katsberghs, rising in the back ground and mingling their rugged summits with the clouds.

COXSACKIE LANDING, where are several houses and stores, is eight miles north of Hudson. From thence to Kinderhook landing is 1 mile. Here are about 25

dwellings and a post office. The village of Kinderhook is situated 5 miles east. Five miles further north, is the village of New-Baltimore; thence to Coeymans, 2 miles—thence to Schodac village, 2 miles—thence to Castleton landing, 2 miles—thence to Albany 8 miles.

ALBANY

Is the capital of the state of New-York, and in point of wealth, population, trade and resources, is the second city in the state, and the sixth or seventh in the Union. It is situated on the west side of the Hudson river, and near the head of tide water. It was settled in 1612; and next to Jamestown in Virginia, is the oldest settlement in the U. S. In 1614, a small fort and trading house were built by the Dutch on an island half a mile below the scite of the present city; and soon afterwards fort Orange where the city now stands. The place was first called Aurania; then Beverwyck till 1625; then Fort Orange till 1647, and Williamstadt till 1664. For a long time after its foundation it was enclosed with palisadoes or pickets, as a defence against the Indians, who were then numerous and powerful in its vicinity. Its charter was granted in the year 1686, and embraced an area of 7160 acres. A great proportion of its soil is sandy and unproductive, and under no system of useful cultivation.

Though the first appearance of this city is not prepossessing to a stranger, still the taste which has been displayed in the construction of its public and private buildings—the constant din of commercial business which assails the ear of the traveller—the termination of the Erie canal at this place, and many

other attendant circumstances, render Albany an important and interesting spot.

The town is divided into five wards, and contains many superb and elegant buildings. The principal streets are Market, Pearl, and State streets. The two former run parallel with the river, and the latter is a spacious one, extending from the Capitol to the Hudson, nearly east and west. Besides these, there are many other streets, less considerable in extent, but populous, and crowded with shops and stores.

The CAPITOL, which contains the legislative halls, the common council chamber of the corporation, the supreme and chancery court rooms of the state, the county clerk's office, the state library, and other apartments for public business, stands at the head of State street, on an elevation of 130 feet above the level of the river. It is a substantial stone edifice, erected at the expense of \$120,000; of which sum, \$34,000 was paid by the corporation of the city. It is 115 feet in length, 90 in breadth, and is 50 high, consisting of two stories, and a basement of 10 feet. The east front is adorned with a portico of the Ionic order, having 4 magnificent columns, 3 feet 8 inches in diameter, and 33 feet in height. In the senate and assembly chambers and in the room used for holding the court of chancery are full length portraits of Washington, of the various executives who have administered the government of the state, and of Abraham Van Vechten, Esq. an eminent counsellor at law residing in Albany. There is also in the senate chamber a good bust of Doct. Franklin.

THE PUBLIC SQUARE, on the S. W. of which stands the Capitol, is arranged in the style of a park, and has several delightful walks and avenues.

North of the Capitol, stands the ACADEMY, the most elegantly constructed and executed building in the city. It cost about \$92,000 exclusive of the lot on which it is erected, and some donations. It is built of free stone, 3 stories in height, and 90 feet in front. It is one of the most flourishing institutions in the state; has 5 teachers and about 140 students.

THE STATE HALL, for the offices of the secretary of state, comptroller, treasurer, surveyor-general, attorney-general, and clerk of the supreme court, is situated on the south side of State-street, nearly equidistant from the Capitol and the Albany, Farmers' and Mechanics' Banks; both of which stand at the foot of State-street, and are elegant white marble edifices. There are in this city 4 banks and 14 houses for public worship. Also a large brick building for the Lancaster school, a theatre in South Pearl street, an atheneum, and an arsenal in North Market street. The museum is in South Market street, and is one of the best in the country.

THE AMERICAN HOTEL, kept by Mr. Drake in State street, about equidistant from the capitol and the foot of the street, is one of the best public houses in the Union. The building is 5 stories high, besides the base, presenting an exterior of stucco work, and is calculated to accommodate from 80 to 100 guests. Its parlours, dining and lodging-rooms are spacious and richly furnished; and every thing connected with the

house is calculated to render it an elegant and desirable resting place for a stranger. The keeper, Mr. Drake, was a former proprietor of Congress Hall at Saratoga Springs, at which place he gained much celebrity for his skill and taste as a conductor of an extensive public establishment.

The other principal hotels are, the Mansion Houses and City Hotel in North Market street, the State Street House in State street, Cruttenden's, near the Capitol, and the Eagle Tavern in South Market street; which are furnished and kept in superior style, reflecting equal credit upon the city and the proprietors.

During the sessions of the New-York legislature, Albany is crowded with strangers, and contains much of the legal talent and learning of the state.

The city is supplied with water from a distance of 3 miles. It is eligibly situated for trade, being the great thorough fare for the northern and western sections of the state.

The ALBANY BASIN, where the waters of the canal unite with the Hudson, consists of a part of the river included between the shore and an artificial pier erected 80 feet in width and 4,300 feet in length. The pier contains about 8 acres, and is connected with the city by draw bridges. It is a grand and stupendous work, on which spacious and extensive stores have been erected, and where an immense quantity of lumber and other articles of trade are deposited. Its original cost was \$130,000, and the different lots were sold at public auction at a considerable advance. The basin covers a surface of 32 acres.

A mineral spring was discovered in Albany a few years since, by boring through a slate rock to the depth of 500 feet. The partners in this, however, having disagreed, one of them, (McCulloch, a Scotchman) commenced boring on his own account, in the same neighborhood, and at the depth of 617 feet struck upon another, much superior in its qualities, and approaching more nearly to the Congress Spring at Saratoga than any other in the United States. It contains rather more muriate of soda, and is an active carthartic. Its taste is much more disagreeable than the Congress Spring, which is attributed to the iron contained in it. The gas escaping from it is highly combustible, burning furiously on the application of a burning paper to the water when running from the vent. The spring is enclosed in a handsome garden, and is a place of fashionable resort for citizens and strangers.

The environs of Albany are pleasant, affording many delightful walks and rides, and the adjacent cities of Troy and Schenectady, and the villages of Lansingburgh and Waterford, the Cohoes Falls, the Shaker settlement at Niskayuna, &c. furnish points for short and interesting excursions. But perhaps nothing in the vicinity of Albany will afford more pleasure to the tourist, than a visit to the highly cultivated

FARM OF J. BUELL, Esq.* about 2 miles west of the capitol on the Cherry Valley turnpike. This farm, consisting of 80 acres, has been wholly reclaimed from commons since 1818, and is now under profitable cul-

* Formerly editor of the Albany Argus.

tivation. Mr. B. possessed the first requisite for improvement—a *consciousness of the want of knowledge in his new employment*. He diligently sought for this knowledge in the practice of the best farmers, and in the study of the sciences upon which agriculture is based ; directing and superintending himself the labors of his farm. His improvements consist in selecting the best implements adapted to his soil—in substituting fallow crops for naked fallows—in extensively and successfully cultivating the Swedish and common turnip *as a second crop*, after clover and small grains—in introducing new and valuable grasses—in the cultivation of live fences, which he has growing of the white European thorn, of the native thorn of our woods, and of the three thorned or honey locust—and in the economy and application of ordinary, and the use of new manures. His object has been to grow only good crops, and these with the least expense. In 1827, he sold from 64 acres in tillage and grass, under farm culture, produce to the amount of more than \$1500, exclusive of the consumption of a large family. His kitchen and flower gardens, abounding in the finest native and foreign fruits, ornamental trees, shrubs and flowers, will also be visited with interest. Upon the same farm is the

ALBANY NURSERY, which is under the management of Messrs. Buell & Wilson. It already covers 10 or 12 acres, and is extended annually, embracing not only the most choice American fruits and ornamental plants, but also the finer varieties of France, Germany, England, &c. many of which have been received from the London Horticultural Society, of which Mr. B. was

elected a corresponding member in 1824. Attached to this establishment is a green house, containing an extensive collection of beautiful exotics, among which are several varieties of the splendid Cornelia or Japan rose, and other rare Asiatic plants. There are few establishments of the kind, indeed, in the country, possessing more interest, or entitling their proprietors to greater commendation.

The SHAKER SETTLEMENT at Niskayuna, is 8 miles north-west of Albany. A visit to these singular people is well deserving the attention of the traveller. The Shakers are the followers of Ann Lee, called by them Mother Ann, a religious enthusiast, who was born in England some time antecedent to the revolutionary war, and while yet in her youth, suffered much tribulation, and deep exercises of spirit, in her conversion from the sin of this world to a state of greater perfection. She endured severe trials and much persecution, according to her own account, from her countrymen; but was afterwards favored with visions and an exhibition of miracles in her favor. Although in early life herself the wife of a poor blacksmith, the principal tenet of her creed is absolute and entire celibacy, which is defended on various spiritual grounds, and fully set forth in a work recently published by the society. In consequence of the persecutions experienced by mother Ann in England, she came to this country and established a small society which has been followed by the establishment of others, of which this is one. Her followers regard her memory with pious veneration, and consider themselves as the only people in possession of the true light. Some of the oldest and

most perfect members, it is said, pretend to "speak with tongues," heal diseases by a touch, &c. The marriage contract is dissolved on joining their society ; their association is a perfect community of goods, all private property being thrown into the common stock, and they profess to banish the love of ambition, wealth and luxury from their gloomy territories.

They own at this place two thousand acres of excellent land, laid out and kept in the order, neatness and cleanliness, which always distinguish their sect. This is divided into four farms, or families, as they are called, occupied by about seventy-five persons each, of both sexes and all ages. They cultivate garden stuffs, seeds, &c. for sale, as well as every thing necessary for their own support, and they manufacture various useful and ornamental articles. These, as well as the surplus produce of the farm, are sold and the avails deposited in one of the Albany banks until required. The division of labor which they carry into practice, every occupation being entrusted to separate members, and their economical habits, render their gains very considerable. The men work as farmers, carpenters, shoemakers, tailors, &c. ; the women at weaving, spinning, washing, cooking and in the duties of the farm, making and mending clothes, the occupations of each sex being performed in separate buildings. They also eat separately, and neither of them will sit down to a meal with what they call the "world's people." The dress of the men is the usual quaker drab, perfectly plain ; that of the women grey, with white caps, all made as plain and easy as possible. They all have a peculiar walk, but especially the females, in consequence of their mode of worship, from which they de-

give their name of Shakers, a strange and disagreeable mode of dancing, accompanied with a monotonous song. The young members of the community are regularly taught the steps in this dance by the older ones, before they are permitted to join in public worship. It is usual before the admission of a member to all the privileges of the society, to impose a noviciate of three months, when if he so desires he may leave them ; if not he is regularly admitted a member, and throws his property into the common stock.

Notwithstanding the severity of their discipline as to celibacy, it is said the harmony of their society was lately much disturbed in consequence of a "love affair." A young man and woman, both belonging to the society, in despite of the doctrines of their leader, fell from their estate of "single blessedness," and yielded to a worldly attachment. This heresy, as might be expected, produced considerable commotion. The members wrestled with the tempter, and the elders prayed for and with the victims to the dreaded enemy of the sect ; but all to no purpose. They left the society and were married. It is creditable, however, to the members, that after finding their efforts to prevent this result unavailing, they sent the happy pair sufficient furniture for comfortable house-keeping, assigning as a reason that they had labored for the society, and that it was no more than justice to reward them.*

* Since the foregoing event, we are told another derilection from the rules of Mother Ann has taken place in the society, which also resulted in marriage.

STAGES.

Perhaps there is no place in the union from which stages leave in so many directions, and are so well arranged, as at Albany. The best of horses and carriages and careful drivers are generally employed, and every attention is paid to the comfort and convenience of travellers. Among the lines may be enumerated three or four daily stages to Utica and Buffalo; about the same number to Boston, passing on different roads; and the same number to Whitehall on Lake Champlain. A daily line is also established between Albany and the Springs throughout the year, and several daily lines during the summer months. These generally leave about 9 o'clock A. M. after the arrival of the morning boats from New-York, and at 2 P. M. Fare from \$1,50 to \$2.

FROM ALBANY TO SARATOGA SPRINGS,

The distance (via Ballston Spa) is 37 miles, and the intermediate distances as follows:

	<i>Miles.</i>		<i>Miles.</i>
Troy,.....	6	Dunning Street,.....	8*
Lansingburgh,.....	3	Ballston Spa,.....	4
Waterford,.....	1	Saratoga Springs,...	7
Mechanic's Ville,....	8		

The first object which usually attracts the attention of the tourist on departing from Albany, is the mansion of Gen. STEPHEN VAN RENSSELAER, the patroon of the

* From Dunning Street direct to Saratoga Springs, without passing through Ballston Spa, the distance is but 8 miles.

manor of Rensselaerwick*, which stands at its northern extremity, and which is one of the most elegant situations in the United States. The munificence and liberality of its opulent and distinguished proprietor are proverbial. There are few charitable or scientific institutions in the state of which he is not a benefactor ; and he has probably contributed more than any other citizen towards the fostering of agricultural and literary improvements.

The McADAMIZED ROAD between Albany and Watervliet, opposite Troy, commences at this place. It runs parallel with the Erie canal, near its western bank, is between 5 and 6 miles long, of a width sufficient for three carriages to run abreast, and is probably the most elegant road on the continent. The vales and hills through which it passes have been sufficiently elevated or depressed to afford either a level or a very moderate inclination ; so that the speed of a carriage over the whole is uninterrupted. It is the property of an incorporated company, who have expended between \$90,000 and \$100,000 in its construction. A steam carriage is now in preparation to run on the road ; and it is not improbable that this will soon be the ordinary mode of travelling between the two cities.

Five miles from Albany is the U. S. ARSENAL, consisting of handsome brick and stone buildings, beautifully located on the western bank of the Hudson.

* This manor comprises a great portion of the counties of Albany and Rensselaer—the city and several patents excepted.

There is here a large quantity of arms and munitions of war, with workshops for repairing them, manufacturing locks, &c. The muskets, bayonets, swords and pistols are arranged in a portion of it with great taste, and kept in fine order. Among the cannon in the yard are four 12 pounders, one 24, and one howitzer, taken at Saratoga; four 12's and one howitzer, taken at Yorktown; two long antique pieces and one eight inch mortar, taken at Stoney Point; two old French 4 pounders and 14 guns, sent by Louis XVI to the continental congress in the revolution—all of brass, and most of them highly ornamented, with each an individual name and the inscription “ultima ratio regium.” There are also three or four howitzers cast in New-York and Philadelphia in the revolution, some of the oldest specimens of this manufacture in the country, and bearing the initials U. C. for United Colonies.

Half a mile further is the village of WATERVLIET, or rather from the Arsenal to and including West Troy or Port Schuyler, is a continuous village, which has rapidly increased within a short period.

From Watervliet, there are two routes to Waterford; one leading through Troy and Lansingburgh, and the other by the Junction of the Erie and Northern canals and the Cohoes falls. In going to and returning from the Springs, the traveller can pass over both routes.

The Troy and Lansingburgh route.

The Hudson, which is here about one fourth of a mile wide, is crossed in a horse tow-boat from Watervliet to the

CITY OF TROY. It is bounded on the east by a range of hills rising abruptly from the alluvial plain on which the city is situated, extending to the Hudson river. In point of location and beautiful natural scenery, Troy is exceeded by few, if any, of the towns and villages on the Hudson. The streets, running north and south, converge together at the north end of the city, and are crossed at right angles by those running east and west. The buildings are principally built of brick, and are shaded by rows of trees on each side of streets which are preserved remarkably clean, by additions of slate and gravel, instead of pavements. The city contains three banks, seven churches, a court house, jail and market. The Episcopal church is a superb specimen of Gothic architecture, probably not exceeded in the United States. It has a venerable and imposing appearance, and needs nothing but a quantity of moss and ivy to make it the picture of one of those ancient abbeys so often to be met with in the writings of Sir Walter Scott. A large three story brick building has also been erected at the expense of the corporation, for the accommodation of the female seminary incorporated at this place. This institution is under the government of a female principal (Mrs. Willard) and several assistants, whose exertions have given it a deserved celebrity over similar institutions in the state. There are annually educated at this seminary from 60 to 80 females. The friends of literature have also established a Lyceum at this place; which, though of recent origin, promises much advantage and usefulness to its patrons. The population of Troy is estimated at about 13,000.

Mount Ida, in the rear of Troy, is a romantic spot, affording a very extensive prospect of the Hudson river and the adjacent country.

About a mile above the city, a dam has been thrown across the river, and a lock constructed, affording a sloop navigation to the village of Waterford.

One mile and a half from Troy is the Rensselaer school, which was established, and is under the patronage of Gen. Stephen Van Rensselaer. It is a valuable and flourishing institution.

LANSINGBURGH, three miles from Troy, is principally built on a single street, running parallel with the river. A high hill rises abruptly behind the village, on which is seen the celebrated diamond rock, which at times emits a brilliant lustre, from the reflected rays of the sun. The appearance of Lansingburgh by no means indicates a high state of prosperity, though it contains several very handsome private residences. The village has a bank, two places of public worship, and an academy. Its population does not exceed 3,000. About a mile north, a well built and handsome bridge extends across the Hudson river to the village of

WATERFORD. This village has been incorporated, and in point of size and commerce may be considered the capital of Saratoga county. It is situated at the junction of the Mohawk with the Hudson, and derives considerable importance from the navigation of small vessels, which, by means of the lock and dam below, at most seasons of the year arrive and depart to and from its docks. The village contains a population of about 1700 inhabitants. It already enjoys many ad-

vantages for trade, and its importance is much increased by the northern canal, which communicates with the Hudson river at this place.

The Junction and Cohoes route.

From Watervliet to Waterford, by the Cohoes falls, the distance is about the same as by Troy, (4 miles.) West Troy or Port Schyler, which may be considered a continuation of Watervliet, owes its origin and growth to the Erie canal, which passes through the village, and from which there is a side cut to a basin in the river.

The JUNCTION of the Erie and Northern canals is two miles farther. Here, within the space of three quarters of a mile, are 17 locks; and the number of boats constantly passing through present a spectacle of activity and business of a novel character to one who has never witnessed canal navigation. The locks are of the best workmanship, and are justly ranked among the most important works on the canals. About a mile farther the Mohawk river is crossed by an excellent bridge in full view of the

COHOES FALLS, which are a short distance above. The perpendicular fall is about 40, and including the descent above, about 70 feet. The lofty barrier of rocks which confine the course of the Mohawk—the distant roar of the cataract—the dashing of the waters as they descend in rapids beneath you—and the striking contrast of the torrent with the solitude of the scenery above, contribute to render the whole an unusual scene of sublimity and grandeur. An old tradition states, that a chief of the Mohawks attempting to

cross in his canoe, embarked too near the current of the falls to escape their descent. Finding himself unable to resist the influence of the current, which hurried him fast to the summit, with true Indian heroism, he turned his canoe into the stream, assumed his station at the helm, and with a paddle in one hand and his bottle in the other, was precipitated over the brink. It was in taking a view of these falls, about 30 years since, that the poet Moore composed one of his best fugitive pieces. Indeed, the scenery and every thing connected with this interesting spot, are calculated to afford ample subjects for the poet and painter.

Between this place and Schenectady, (noticed in a subsequent page,) the canal is carried twice across the Mohawk. The lower aqueduct, as it is called, 2.1-2 miles from the falls, is 1188 feet long, and rests on 26 stone piers and abutments—the other aqueduct, 12 miles further, is 750 feet long, and rests on 16 piers. These works were completed at great expense, and must have required immense labour.

From the falls to Waterford (noticed at page 148) is one mile.

VAN SCHAICK'S ISLAND is situated in the vicinity of Waterford, and is formed by the sprouts of the Mohawk river joining with the Hudson river, 9 miles north of Albany. This spot is noted for being the head quarters of the American army in 1777 ; from whence they marched, in September of the same year, to the decisive victory over Burgoyne, at Bemus' Heights. There are few places more fruitful, in sources of interest and delight to the stranger, than Saratoga. HEBE,

at one point, beckons him to the pursuit of health, promising him a full share of pleasure, consistent with her heavenly boon, while MARS, at another, invites him to the field where military courage and enterprise received at his hand the palm of victory. Whilst the scenes associated with the independence of our country shall impart an interest, and so long as health and amusement shall remain the pursuit of humanity, Saratoga will continue to be the resort of the invalid, the fashionable, the patriot and the philosopher.

MECHANIC VILLE, or as it is more commonly called the Burrough, is situated 8 miles north of Waterford. It contains about 20 dwellings, a post office, and a cotton factory and mills. The road from Waterford to this place lies on the margin of the river, of which a view may be had at any point of the distance. Some of the old Dutch barns bordering on the turnpike, and which are still in a state of tolerable preservation, were used by the American troops as barracks during the revolutionary war. After leaving the Borough, the road is circuitous and uneven; and the country presents but little appearance of cultivation, the prospect being generally limited by the numerous pines for which this region is distinguished.

DUNNING-STREET is 8 miles in a north-westerly direction from Mechanic Ville. Here are two public houses, a store and number of dwellings. It is called Dunning-street from a family of the same name who first came to settle there, and who still reside in the neighborhood. The farms in this section are some of the best in the county, and are under very good improve-

ment. Ballston Spa is situated four miles from Dunning-street, in a north-westerly direction ; Saratoga Springs 8 miles in a northerly direction.

BALLSTON SPA.

This pleasant village lies in the town of Milton in the county of Saratoga ; and is situated in a low valley, through the centre of which flows a branch of the Kayaderosseras, with whose waters it mingles at the east end of the village. The natural boundaries of Ballston Spa are well defined by steep and lofty hills of sand on the north and west, and by a ridge of land which gradually slopes inward, and encircles the village on the south and east. The broad and ample Kayaderosseras, whose stream gives motion to a neighboring mill, flows on the north-east boundary of the village, and furnishes a favorite resort for the sportsman on the bosom of its waters, or for the loiterer along its verdant banks. The village was incorporated in 1807, and is under the direction of three trustees, who are chosen annually. It contains 130 houses, and about 800 inhabitants. Besides the court house for the county, and the clerk's office, which are located here, there is an Episcopal and a Baptist church, an academy, and a female seminary ; likewise a printing office and a book store, with which a reading room is connected for the accommodation of visitants.

The FEMALE SEMINARY is under the superintendence of Mr. Booth, a gentleman who is eminently qualified for the undertaking, having been for a number of years the principal instructor in the female academy at Albany. The scite of the institution is on a pleasant

and healthy eminence, commanding a view of the whole village and the surrounding country for some distance. The building itself is spacious and airy, and occupies, with the out grounds and improvements, upwards of an acre of land. This institution, though of recent establishment, has, from the well known experience and celebrity of its proprietor, commanded a full share of patronage. Among the various branches taught, are natural and moral philosophy, belles lettres, chemistry, geometry and history ; and when required, competent teachers instruct in the several branches of musick, drawing and dancing. The terms of tuition and board are quite reasonable ; and the general management of the institution is spoken of in the highest terms of commendation.

Ballston Spa principally derives its celebrity from the mineral springs which flow here and at Saratoga in equal abundance. The spring first discovered in the vicinity, stands on the flat, nearly opposite the boarding establishment of Mr. Aldridge. It formerly flowed out of a common barrel, sunk around it, without any other protection from the invasion of cattle, who often slacked their thirst in its fountain. Afterwards the liberality of the citizens was displayed in a marble curb and flagging, and a handsome iron railing. The curb and flagging were finally removed, leaving the railing, which still serves the purposes of ornament and protection. The spring flows now, probably, from the place where it originally issued, some feet below the surrounding surface, which has been elevated by additions of earth, for the purpose of improving the road in which it stands.

Near this spring, in boring two or three years since, an excellent mineral fountain was discovered at a considerable depth beneath the surface. Its qualities are said to be superior to those of the spring already mentioned, and, by many, its waters are preferred to any other in the village.

The U. STATES SPRING is situated at the east end of the village, on the land of Mr. Loomis. Near this fountain, a large and commodious bathing house has been erected ; to which, not only the waters of this, but of a number of other adjacent springs, are tributary, for the purpose of bathing. Between the springs already mentioned, there was discovered in the summer of 1817, a mineral spring, called the Washington fountain. This latter spring rose on the margin of the creek in front of the factory building ; it flowed through a curb 28 feet in length, sunk to the depth of 23 feet, and was liberated at the top in the form of a beautiful *jet d'eau* ; but the spring disappeared in 1821. Numerous attempts have since been made to recover it, but they have proved fruitless.

The principal ingredients of these waters consist of muriate of soda, carbonate of soda, carbonate of lime, carbonate of magnesia, and carbonate of iron ; all of which, in a greater or less degree, enter into the composition of the waters, both here and at Saratoga.

The principal boarding houses are the Sans Souci, Aldridge's, and the Village Hotel.

The SANS SOUCI, with its yards and out houses, occupies an area of some acres in the east part of the village. The plan of the building, with the extensive improvements around it, do much credit to the taste and

liberality of its proprietor. The establishment was formerly the property of Mr. Low, of New-York ; from whom it has passed into the hands of Mr. Loomis, its present owner, and under whose management the most entire satisfaction is given to its annual visitants. The edifice is constructed of wood, three stories high, 160 feet in length, with two wings extending back 153 feet, and is calculated for the accommodation of 130 boarders. It is surrounded by a beautiful yard, ornamented with a variety of trees and shrubbery, which, with its extensive piazzas and spacious halls, render it a delightful retreat during the oppressive heat of summer.

ALDRIDGE'S Boarding House, with which is connected an extensive garden, at the west end of the village, is not inferior in point of accommodation, and receives its full share of patronage. Its more retired location, and the profusion of rural scenery around it, as well as the deserved reputation of the establishment, will always determine the choice of a large portion of visitants during their transient residence at the Springs.

The VILLAGE HOTEL, is in a convenient situation a few rods west of the Sans Souci. It is now kept by the proprietor, Mr. Clark, and is a very agreeable and pleasant boarding place for strangers during the summer months.

Mrs. M'MASTER'S, is a private boarding house, situated adjacent to the spring on the flat in the west part of the village. Those who are fond of a retired situation, will be much gratified at this place, and withal will find a hospitable hostess, and very excellent ac-

commodations, at a moderate price. Besides these, there are other houses of accommodation; the principal of which is the

MANSION HOUSE, owned by Mr. Kid. This house is situated in a central part of the village, is well kept, and every attention is paid which can contribute to the comfort and convenience of its guests.

The price of board per week, at the several houses, is from \$3 to \$8.

Mails arrive and depart to and from Ballston Spa, every day in the week. Besides a post office at the village, there is one in the town of Ballston, about three miles distant, to which letters are frequently missent, owing to the neglect of correspondents in making the proper direction.

The reading room and library may be resorted to at all times, and for a moderate compensation. Papers are there furnished from all parts of the Union. The library, which includes some periodical publications, is small; but valuable selections may be made, either for instruction or amusement.

Six miles from Ballston Spa, in a southerly direction, is BALLSTON LAKE, or, as it is sometimes called, the Long Lake. The only accommodations, on an excursion to the lake, are furnished at the farm house, recently owned by a Mr. M'Donald, on its western margin. This gentleman was a native of Ireland, and on his first arrival in America, settled with his brother, in 1763, on this spot, where he continued to reside until his decease, in 1823. It was at this house Sir William Johnson passed some time on his first journey to Saratoga Springs, as early as the year 1767. The lake is

a beautiful sheet of water, 5 miles long and 1 broad. The scenery around affords a pleasing landscape of cultivation and wood lands, no less inviting to the sportsman than the soft bosom of the lake and its finny inhabitants to the amateurs of the rod.

SARATOGA SPRINGS,

Is situated north-easterly from Ballston Spa 7 miles, and 24 miles from the village of Waterford. The village is located on an elevated spot of ground, surrounded by a productive plain country, and enjoys, if not the advantage of prospect, at least the advantage of a salubrious air and climate, contributing much to the health and benefit of its numerous visitants. The springs, so justly celebrated for their medicinal virtues, are situated on the margin of a vale, bordering the village on the east, and are a continuation of a chain of springs discovering themselves about 12 miles to the south, in the town of Ballston, and extending easterly, in the form of a crescent, to the Quaker village. In the immediate vicinity are 10 or 12 springs, the principal of which are the Congress, the Hamilton, the High Rock, the Columbian, the Flat Rock, the Washington and the President. About a mile east, at the former residence of Mr. Taylor, are found a cluster of mineral springs which go by the name of the Ten Springs.

THE CONGRESS SPRING

Is situated at the south end of the village, and is owned by Doct. John Clarke; to whose liberality the public are much indebted for the recent improvements that have been made in the grounds adjoining the fountain, and the purity in which its waters are preserved.

This spring was first discovered about 80 years since, issuing from a crevice in the rock, a few feet from its present location. Here it flowed for a number of years, until an attempt to improve the surface around it produced an accidental obstruction of its waters, which afterwards made their appearance at the place where they now flow. It is enclosed by a tube sunk into the earth to the distance of 12 or 14 feet, which secures it from the water of the stream, adjoining to which it is situated. Besides a handsome enclosure and platform for promenading, the proprietor has thrown an awning over the spring for the convenience of visitants.

To this spot, perhaps more than any other on the globe, are seen repairing in the summer mornings, before breakfast, persons of almost every grade and condition, from the most exalted to the most abject. The beautiful and the deformed—the rich and the poor—the devotee of pleasure and the invalid—all congregate here for purposes as various as are their situations in life. To one fond of witnessing the great diversity in the human character, this place affords an ample field for observation. So well indeed, has it been improved by the little urchins who dip water at the fountain, that an imposing exterior is sure to procure for its possessor their services; while individuals less richly attired, and whose physiognomy indicate a less liberal disposition, are often compelled to wait till it is more convenient to attend to their wants.

Most persons soon become fond of the water; but the effect on those who taste it for the first time is frequently unpleasant. To such, the other fountains are

generally more palatable, having a less saline taste than the Congress.

The HIGH ROCK is situated on the west side of the valley, skirting the east side of the village, about half a mile north of the Congress. The rock enclosing this spring is in the shape of a cone, 9 feet in diameter at its base, and 5 feet in height. It seems to have been formed by a concretion of particles thrown up by the water, which formerly flowed over its summit through an aperture of about 12 inches diameter, regularly diverging from the top of the cone to its base. This spring was visited in the year 1767 by Sir William Johnson, but was known long before by the Indians, who were first led to it, either by accident or by the frequent haunts of beasts, attracted thither by the saline properties of the water. A building was erected near the spot previous to the revolutionary war; afterwards abandoned, and again resumed; since which the usefulness of the water has, from time to time, occasioned frequent settlements within its vicinity.

The water now rises within 2 feet of the summit, and a common notion prevails that it has found a passage through a fissure of the rock occasioned by the fall of a tree; since which event it has ceased to flow over its brink. This opinion, however, may be doubted. It is probable that the decay of the rock, which commenced its formation on the natural surface of the earth, may have yielded to the constant motion of the water, and at length opened a passage between its decayed base and the loose earth on which it was formed. This idea is strengthened from the external appearance of the rock at its eastern base, which has already been pene-

trated by the implements of curiosity a number of inches.

Between the Red spring in the upper village, and the Washington in the south part of the lower village, are situated most of the other mineral springs in which this place abounds. At three of the principal springs, the Hamilton, Monroe and Washington, large and convenient bathing houses have been erected, which are the constant resort for pleasure as well as health, during the warm season.

The mineral waters both at Ballston and Saratoga are supposed to be the product of the same great laboratory, and they all possess nearly the same properties, varying only as to the quantity of the different articles held in solution. They are denominated acidulous saline and acidulous chalybeate. Of the former are the Congress, (which holds the first rank,) the Hamilton, High Rock and President, at Saratoga; and of the latter are the Columbian, Flat Rock and Washington, at Saratoga, and the Old Spring and United States, at Ballston. The waters contain muriate of soda, hydriodate of soda, carbonate of soda, carbonate of lime, carbonate of magnesia, oxide of iron, and some of them a minute quantity of silica and alumina. Large quantities of carbonic acid gas are also contained in the waters, giving to them a sparkling and lively appearance. The Congress, in particular, the moment it is dipped, contains nearly one half more than its bulk of gas; a quantity unprecedented in any natural waters elsewhere discovered.

Doct. Steel, in his geological report of the county of Saratoga, published a few years since, remarks, that

“the temperature of the water in all these wells is about the same, ranging from 48 to 52 degrees on *Fahrenheit's* scale ; and they suffer no sensible alteration from any variation in the temperature of the atmosphere ; neither do the variations of the seasons appear to have much effect on the quantity of water produced.

“The waters are remarkably limpid, and when first dipped sparkle with all the life of good champagne. The saline waters bear bottling very well, particularly the Congress, immense quantities of which are put up in this way, and transported to various parts of the world ; not, however, without a considerable loss of its gaseous property, which renders its taste much more insipid than when drank at the well. The chalybeate water is likewise put up in bottles for transportation, but a very trifling loss of its gas produces an immediate precipitation of its iron ; and hence this water, when it has been bottled for some time, frequently becomes turbid, and finally loses every trace of iron ; this substance fixing itself to the walls of the bottle.

“The most prominent and perceptible effects of these waters, when taken into the stomach, are *cathartic*, *diuretic* and *tonic*. They are much used in a great variety of complaints ; but the diseases in which they are most efficacious are, jaundice and bilious affections generally, dyspepsia, habitual costiveness, hypochondrical complaints, depraved appetite, calculous and nephritic complaints, phagedenic or ill-conditioned ulcers, cutaneous eruptions, chronic rheumatism, some species or states of gout, some species of dropsy, serofula, paralysis, scorbutic affections and old scorbutic ulcers, amenorrhea, dysmenorrhea and chlorosis. In

phthisis, and indeed all other pulmonary affections arising from primary diseases of the lungs, the waters are manifestly injurious, and evidently tend to increase the violence of the disease.

“Much interest has been excited on the subject of the source of these singular waters ; but no researches have as yet unfolded the mystery. The large proportion of common salt found among their constituent properties may be accounted for without much difficulty. All the salt springs of Europe, as well as those of America, being found in geological situations exactly corresponding to these, but the production of the unexampled quantity of carbonic acid gas, the medium through which the other articles are held in solution, is yet, and probably will remain a subject of mere speculation. The low and regular temperature of the water seems to forbid the idea that it is the effect of subterranean heat, as many have supposed, and the total absence of any mineral acid, excepting the muriatic, which is combined with soda, does away the possibility of its being the effect of any combination of that kind. Its production is therefore truly unaccountable.”*

* An analysis of the waters of this place and at Ballston Spa was made and published by Doct. Steel, some years since, and has received the sanction of the most scientific men in this country and in Europe. The Doctor has recently prepared and is now publishing (1830) an entire new work, embracing not only an analysis of the various springs and directions for their use in the numerous diseases in which they have proved beneficial, but also a full and interesting history of their discovery, and of the rise and progress of the villages in

The boarding establishments of the first class at Saratoga Springs are the Congress Hall and Union Hall at the south end of the village, the Pavilion at the north, and the United States Hotel in a central situation between them. Besides these, there are a number of other boarding houses on a less extensive scale, the most noted of which are, Montgomery Hall in the south part, and the Columbian Hotel and Washington Hall in the north part of the village ; *Fletcher's*, (formerly Doctor Porter's,) and *Waterbury's*, about half way between the Congress and Flat Rock springs ; *Monroe's*, *Putnam's*, *Sadler's*, and *Martin's*, in the southern part of the village.

The CONGRESS HALL, kept by Messrs. J. & J. R. Westcott, is situated within a few rods of the Congress spring, to which a handsome walk, shaded with trees, has been constructed for the convenience of guests. The space in front of the building is occupied by three

which they are located. The literary attainments of Doct. S. and his great experience from a long residence at this place, give us reason to believe that this work will be found to be far superior to any thing of the kind which has appeared. It ought also to be remarked, that no invalid should attempt the use of these waters without the direction of a physician well acquainted with their properties. A contrary course, under the too prevalent and erroneous impression that they may be drank in all complaints, in any quantity, and at all hours of the day, has been attended in many instances with deleterious and sometimes with fatal consequences. There can be no doubt of their great efficacy in most complaints, when properly used ; yet ill-timed and too copious draughts not only fail of removing complaints, but frequently engender them.

apartments, each of which is enclosed by a railing, terminating at the front entrances of the piazza, and each used as a flower garden. The edifice is 200 feet in length, 2 1-2 stories high, with two wings extending back, one 60, and the other about 100 feet. The billiard rooms belonging to the establishment are contained in a building adjoining the north wing. In front of the Hall is a spacious piazza, extending the whole length of the building, 20 feet in width, with a canopy from the roof, supported by 17 massy columns, each of which is gracefully entwined with woodbine. There is also a back piazza, which opens upon a beautiful garden annexed to the establishment, and a small grove of pines, affording both fragrance and shade to their loitering guests. The Congress Hall can accommodate nearly 200 visitants, and is justly ranked among the most elegant establishments in the union.

The UNITED STATES HOTEL, kept by Messrs. Ford & Marvin, with its gardens and out buildings, occupies a space in the centre of the village of about five acres. The main building is composed of brick, 125 feet long and 34 wide. It is four stories high, and has a wing extending west 60 feet, three stories high. The billiard room is in a building erected for the purpose in the pleasure grounds adjoining. A building, 34 by 60, appropriated to drawing and lodging rooms, has also been added on the south, and is connected with the main edifice by broad piazzas in front and rear, extending the whole length of both buildings. The ground in the rear and south of the hotel is handsomely laid out into walks, terminating on the west in a garden belonging to the establishment, and the whole is tastefully orna-

mented with trees and shrubbery. The front of the edifice is enclosed by a delicate circular railing into three apartments, each containing a choice variety of flowers and shrubs, and shaded by a row of forest trees extending the whole length of the building. The hotel is situated equally distant between the Congress and Flat Rock springs, and commands a view of the whole village, and from its fourth story a distinct view is had of the surrounding country for a number of miles. This establishment can accommodate nearly 200 visitants, and is one of the largest and most splendid edifices in the United States.

The PAVILION is situated in a pleasant part of the village, immediately in front of the Flat Rock spring. The building is constructed of wood, 133 feet in length, with a wing extending back from the centre of the main building, 80 feet. It is 2 1-2 stories high, with the addition of an attic story, which, with the handsome portico in front, sustained by delicate colonades, renders it, in beauty and proportion, one of the finest models of architecture this country can produce. The large rooms of the Pavilion are less spacious than those of the United States Hotel or Congress Hall, but are so constructed that by means of folding doors the whole of the lower apartments may be thrown into one—an advantage which gives much additional interest to the promenade and cotillion parties, which frequently assemble on this extensive area. A large garden is connected with the establishment, and also a billiard room. The Pavilion is calculated for the accommodation of about 130 visitants, though it frequently contains a much greater number. It is kept by Mr. J. C. Dillon.

The UNION HALL is one of the earliest and most respectable establishments in the vicinity, and is situated directly opposite to the Congress Hall. It has, within a few years, been much improved in its appearance, and enlarged by considerable additions to the main building. It now presents an elegant and extensive front, 120 feet in length, 3 stories high, with two wings extending west 60 feet. It is ornamented in front by 10 columns, which rise to nearly the height of the building, and support the roof of a spacious piazza. A garden in the rear of the building, together with a beautiful flower garden on the north opening to the main street, are among the varieties which contribute to the pleasantness of the establishment. It is now kept by Mr. W. Putnam, a son of the original proprietor, and ranks in point of elegance and respectability with the most favored establishments in the vicinity.

The COLUMBIAN HOTEL, owned and kept by Mr. Williams, stands a few yards south of the Pavilion. Annexed to the establishment is a handsome garden, lying on three sides of the building, which adds much to the beauty and advantage it enjoys in point of natural location. The well known reputation of this establishment, as well as its pleasant situation, in the vicinity of one of the principal fountains, will always ensure it a full share of patronage.

The WASHINGTON HALL, owned and kept by Mr. I. Taylor, is beautifully located at the north part of the village; and is patronized by strangers who do not wish to mingle in the pleasures of the larger establishments. The price of board per week at the respective houses, is from \$3 to \$10.

The READING ROOMS. There is in the village a printing office and book-store, with which is connected a reading room, a mineralogical room and a library, under the superintendence of the same proprietor. These rooms, a few doors north of the U. S. Hotel, are contained in the same building with the library and book-store, but have their separate apartments. That appropriated for the reading room, is large and airy. It is ornamented with a variety of maps and charts, and is furnished by the daily mails with about 100 papers, from different parts of the United States and from the Canadas, besides several periodical publications. The mineralogical apartment is on the second story, to which stairs lead from the reading room. This apartment contains specimens of all the minerals discovered in this vicinity, together with a variety from different parts of the union, and from Europe. They are very handsomely arranged in glass cases, have been much augmented of late by Dr. J. H. Steel, of this place, to whom the proprietor is principally indebted for their collection and arrangement. An apartment adjoining the reading room, contains a library of about 2000 volumes, which are well selected, and receive constant additions from the most fashionable productions of the day. There is also kept at these rooms a register of the names of visitants at the Springs, their residence and places of board. The names thus entered frequently number from 6 to 8000 in the course of a season.

These rooms afford a pleasant retreat from the noise and bustle of the boarding establishments, and are much frequented by ladies and gentlemen of taste and

fashion. The terms are reasonable, and are scarcely an equivalent considering the extent and usefulness of the institution.

The mail arrives at the Springs every evening at 6 o'clock in 24 hours from New-York, and leaves every morning at 8 for Albany, intersecting with the Boston mail at that place. Strangers should be apprized that a post-office is established in the town of Saratoga, about 12 miles distant, to which letters intended for the Springs are often missent, in consequence of their mis-direction.

At both the villages of Ballston and Saratoga Springs, there are always sufficient objects of amusement to render the transient residence of their summer guests pleasant and agreeable. Those whose taste is not gratified at the billiard rooms, which are annexed to most of the boarding establishments, can always enjoy a mental recreation at the reading rooms, or a short excursion in the neighborhood, where sufficient beauty and novelty of scenery are always presented to render it interesting. The amusements of the day are usually crowned with a ball or promenade. The respective apartments appropriated for these occasions are calculated to accommodate from 150 to 200 guests; but they often contain a much greater number.

The spacious areas of the cotillion rooms are between 80 and 90 feet in length, and when enlivened by the associated beauty and gaiety resorting to the springs, present a scene of novelty and fascination seldom equalled.

Among other amusements in the place may be mentioned the trout fishery at Mr. Munger's pond, near the

Washington Spring in the south part of the village. The location is pleasant, and the pond is surrounded with trees, rendering it a cool and desirable retreat.

About two miles east from Saratoga Springs there is also a small fish pond, situated on the farm of a Mr. Barhyte. Parties often resort thither as well to enjoy the amusements of fishing as to partake of a repast on trout, the proprietor reserving to himself the exclusive privilege of serving them up. Still further east, about four miles from the Springs, is situated

SARATOGA LAKE. This lake is 9 miles long and 3 broad. A resort is constantly kept up at Greene's and at Riley's, on the western margin of the lake, the former about four and the latter about six miles distant from Saratoga Springs, and the same distance from Ballson Spa. The visitants of both villages frequently resort thither, to enjoy the advantages of air and prospect during the months of July and August. Sail boats are here fitted up for the accommodation of parties of pleasure, and implements for fishing are always in readiness for those who take pleasure in this fashionable diversion. The western shores of this lake are accessible but in a few places, in consequence of the adjacent marshes; on the east side the land is more elevated, and presents a fine prospect of farms under good improvement. Besides a variety of excellent fish, an abundance of wild game is found on the lake and marshes and along its borders. This lake is supplied with water from the Kayaderosseras creek, which, taking its rise about 20 miles in a northwest direction, and receiving in its course a number of tributary streams, flows into the lake on the west side. Fish creek forms its

outlet, through which the waters of the lake are communicated to the Hudson river about 8 miles distant, in an easterly direction. This creek empties into the Hudson river at Schuyler-Ville, noticed at page 185.

BEMUS' HEIGHTS, rendered memorable as the spot on which the British army under Gen. Burgoyne was defeated, in the revolutionary contest, are about 8 miles in a south-eastwardly direction from Greene's on the Saratoga Lake. The battle ground is about two miles west of the Hudson river ; and though without much to attract in its location or surrounding scenery, will nevertheless at all times prove interesting from its association with events which greatly contributed to the establishment of American independence.

The two actions which preceded the surrender of the British army were fought on the 19th of September, 1777, and on the 7th of October following. The movements and position of the two armies previous to the 19th, are thus described by General Wilkinson :

“General Burgoyne crossed the Hudson river the 13th and 14th of September, and advanced with great circumspection on the 15th from Saratoga to Davocote, where he halted to repair bridges in his front. The 16th was employed in this labour, and in reconnoitering : on the 17th he advanced a mile or two, resumed his march on the 18th, and General Arnold was detached by General Gates, with 1500 men to harrass him ; but after a light skirmish, he returned without loss or effecting any thing more than picking up a few stragglers : and the enemy moved forward and encamped in two lines, about two miles from General Gates ; his left on the river, and his right extending at

right angles to it, across the low grounds about six hundred yards, to a range of steep and lofty heights occupied by his elite, having a creek or gulley in his front, made by a rivulet which issued from a great ravine, formed by the hills which ran in a direction nearly parallel to the river, until within half a mile of the American camp.

“General Gates’ right occupied the brow of the hill near the river, with which it was connected by a deep intrenchment; his camp in the form of a segment of a great circle, the convex towards the enemy, extended rather obliquely to his rear, about three fourths of a mile to a knoll occupied by his left; his front was covered from the right to the left of the centre by a sharp ravine running parallel with his line and closely wooded; from thence to the knoll at his extreme left, the ground was level and had been partially cleared, some of the trees being felled and others girdled, beyond which, in front of his left flank, and extending to the enemy’s right, there were several small fields in a very imperfect cultivation, the surface broken and obstructed with stumps and fallen timber, and the whole bounded on the west by a steep eminence. The extremities of this camp were defended by strong batteries, and the interval was strengthened by a breast work without intrenchments, constructed of the bodies of felled trees, logs and rails, with an additional battery at an opening left of the centre. The right was almost impracticable; the left difficult of approach. I describe the defences of this position as they appeared about the 4th of October.

“The intermediate space between the adverse armies, on the low grounds of the river, was open and in cultivation; the high land was clothed in its native woods, with the exception of three or four small, newly opened and deserted farms, separated by intervals of wood land, and bordering on the flanks of the two armies, most remote from the river; the principal of these was an oblong field, belonging to a person of the name of Freeman, (noticed at p. 181;) there was also exclusive of the ravines fronting the respective camps, a third ravine about mid-way between them, running at right angles to the river. The intervening forest rendered it utterly impracticable to obtain a front view of the American position, or any part of the British except its left, near the river.”

On the morning of the 19th, Colonel Colburn, who had been detached the day previous to observe the movements of the enemy, reported that the British army was in motion and ascending the heights in a direction towards the American left. On receiving this intelligence, Col. Morgan, with his rifle corps, was detached by Gen. Gates, with orders to retard the march of the enemy, and to cripple them as much as possible. The engagement of Morgan's corps was announced by the report of small arms about 12 o'clock. At about 3 in the afternoon the action became general, and continued to rage till night closed upon the scene of combat. The number of troops engaged on the part of the Americans was 3000. That of the British amounted to 3500. General Wilkinson remarks that,

“This battle was perfectly accidental: neither of the generals meditated an attack at the time, and but

for Lieutenant Colonel Colburn's report, it would not have taken place; Burgoyne's movement being merely to take ground on the heights in front of the great ravine, to give his several corps their proper places in line, to embrace our front and cover his transport, stores, provisions and baggage, in the rear of his left; and on our side the defences of our camp being not half completed, and reinforcements daily arriving, it was not General Gate's policy to court an action.

"The theatre of action was such, that although the combatants changed ground a dozen times in the course of the day, the contest terminated on the spot where it began. This may be explained in a few words. The British line was formed on an eminence in a thin pine wood, having before it Freeman's farm, an oblong field stretching from the centre towards its right, the ground in front sloping gently down to the verge of this field, which was bordering on the opposite side by a close wood; the sanguinary scene lay in the cleared ground, between the eminence occupied by the enemy and the wood just described; the fire of our marksmen from this wood was two deadly to be withstood by the enemy in line, and when they gave way and broke, our men rushing from their covert, pursued them to the eminence, where, having their flanks protected, they rallied, and charging in turn, drove us back into the wood, from whence a dreadful fire would again force them to fall back; and in this manner did the battle fluctuate, like waves of a stormy sea, with alternate advantage, for four hours, without one moment's intermission. The British artillery fell into our possession at every charge, but we could neither turn the pieces

upon the enemy, nor bring them off; the wood prevented the last, and the want of a match the first, as the lint stock was invariably carried off, and the rapidity of the transitions did not allow us time to provide one. The slaughter of this brigade of artillerists was remarkable, the captain and 36 men being killed or wounded, out of 48. It was truly a gallant conflict, in which death by familiarity lost his terrors, and certainly a drawn battle, as night alone terminated it; the British army keeping its ground in rear of the field of action, and our corps, when they could no longer distinguish objects, retiring to their own camp."

The interval between the 19th of September and the 7th of October was employed by both armies in fortifying their respective camps. Gen. Burgoyne had contemplated an attack on the 20th and 21st September, which, had it been made, would probably have resulted much to his advantage, as the American camp was then in an unfortified state, and the troops wholly unprepared for a vigorous resistance. For some cause, however, the attack was delayed. This gave time to Gen. Gates to complete the unfinished works, and to strengthen his army by reinforcements of militiamen, who were daily flocking to his camp. Satisfied that a delay would operate to the advantage of the American army, by increasing their strength and numbers, whilst at the same time it must prove disadvantageous to the enemy, General Gates, it seems, determined to wait their movements within his own entrenchments. Here he remained until the 7th October, when the last decisive action was fought, which decided the fate of the army under Gen. Burgoyne, and ultimately resulted in

the triumph of American liberty. The commencement, progress and termination of this brilliant engagement are thus described by Gen. Wilkinson :

“On the afternoon of October 7th, the advanced guard of the centre beat to arms ; the alarm was repeated throughout the line, and the troops repaired to their alarm posts. I was at head quarters when this happened, and, with the approbation of the General, mounted my horse to inquire the cause ; but on reaching the guard where the beat commenced, I could obtain no other satisfaction, but that some person had reported the enemy to be advancing against our left. I proceeded over open ground, and ascending a gentle acclivity in front of the guard, I perceived about half a mile from the line of our encampment, several columns of the enemy, 60 or 70 rods from me, entering a wheat field which had not been cut, and was separated from me by a small rivulet ; and without my glass I could distinctly mark their every movement. After entering the field they displayed, formed the line, and set down in double ranks with their arms between their legs. Foragers then proceeded to cut the wheat or standing straw, and I soon after observed several officers, mounted on the top of a cabin, from whence with their glasses they were endeavoring to reconnoitre our left, which was concealed from their view by intervening woods.

“Having satisfied myself, after fifteen minutes attentive observation, that no attack was meditated, I returned and reported to the General, who asked me what appeared to be the intentions of the enemy. “They are foraging, and endeavoring to reconnoitre your left ; and I think, sir, they offer you battle.”

“What is the nature of the ground, and what your opinion?” “Their front is open, and their flanks rest on the woods, under cover of which they may be attacked; their right is skirted by a lofty height. I would indulge them.” “Well, then, order on Morgan to begin the game.” I waited on the Colonel, whose corps was formed in front of our centre, and delivered the order; he knew the ground, and inquired the position of the enemy; they were formed across a newly cultivated field, their grenadiers with several field pieces on the left, bordering on a wood and a small ravine formed by the rivulet before alluded to; their light infantry on the right, covered by a worm fence at the foot of the hill before mentioned, thickly covered with wood; their centre composed of British and German battalions. Col. Morgan, with his usual sagacity, proposed to make a circuit with his corps by our left, and under cover of the wood to gain the height on the right of the enemy, and from thence commence his attack, so soon as our fire should be opened against their left; the plan was the best which could be devised, and no doubt contributed essentially to the prompt and decisive victory we gained.

“This proposition was approved by the General, and it was concerted that time should be allowed the Colonel to make the proposed circuit, and gain his station on the enemy’s right before the attack should be made on their left; Poor’s brigade was ordered for this service, and the attack was commenced in due season on the flank and front of the British grenadiers, by the New-Hampshire and New-York troops. True to his purpose, Morgan at this critical moment poured down

like a torrent from the hill, and attacked the right of the enemy in front and flank. Dearborn, at the moment when the enemy's light infantry were attempting to change front, pressed forward with ardor, and delivered a close fire; then leaped the fence, shouted, charged, and gallantly forced them to retire in disorder; yet, headed by that intrepid soldier, the Earl of Balcarras, they were immediately rallied, and re-formed behind a fence in rear of their first position; but being now attacked with great audacity, in front and flank, by superior numbers, resistance became vain, and the whole line, commanded by Burgoyne in person, gave way, and made a precipitate and disorderly retreat to his camp, leaving two twelve and six six-pounders on the field, with the loss of more than 400 officers and men, killed, wounded and captured, and among them the flower of his officers, viz. Brigadier General Frazer; Major Ackland, commanding the grenadiers; Sir Francis Clark, his first aid-de-camp; Major Williams, commanding officer of the artillery; Captain Mooney, deputy quarter-master-general; and many others. After delivering the order to General Poor, and directing him to the point of attack, I was peremptorily commanded to repair to the rear, and order up Ten Broeck's regiment of New-York militia, 3000 strong. I performed this service and regained the field of battle at the moment the enemy had turned their backs—52 minutes after the first shot was fired. The ground which had been occupied by the British grenadiers, presented a scene of complicated horror and exultation. In the square space of twelve or fifteen yards lay eighteen grenadiers in the agonies of death, and three officers

propped up against stumps of trees, two of them mortally wounded, bleeding, and almost speechless. What a spectacle for one whose bosom glowed with philanthropy; and how vehement the impulse which excites men of sensibility to seek such scenes of barbarism! I found the courageous Col. Cilley a-straddle on a brass twelve pounder, and exulting in the capture; whilst a surgeon, a man of great worth, who was dressing one of the officers, raising his blood-besmeared hands in the phrensy of patriotism, exclaimed, "Wilkinson, I have dipped my hands in British blood." He received a sharp rebuke for his brutality; and with the troops I pursued the hard pressed flying enemy, passing over killed and wounded, until I heard one exclaim, "Protect me, sir, against this boy." Turning my eyes, it was my fortune to arrest the purpose of a lad thirteen or fourteen years old, in the act of taking aim at a wounded officer, who lay in the angle of a worm fence. Inquiring his rank, he answered, "I had the honor to command the grenadiers." Of course, I knew him to be Major Ackland, who had been brought from the field to this place, on the back of a Captain Shrimpton, of his own corps, under a heavy fire, and was here deposited, to save the lives of both. I dismounted, took him by the hand, and expressed my hopes that he was not badly wounded. "Not badly," replied this gallant officer and accomplished gentleman, "but very inconveniently. I am shot through both legs. Will you, sir, have the goodness to have me conveyed to your camp?" I directed my servant to alight, and we lifted Ackland into his seat, and ordered him to be conducted to head quarters. I then proceeded to the scene of

renewed action, which embraced Burgoyne's right flank defence, and extending to his left, crossed a hollow covered with wood, about 40 rods, to the intrenchment of the light infantry. The roar of the cannon and small arms, at this juncture, was sublime, between the enemy, behind their works, and our troops entirely exposed, or partially sheltered by trees, stumps or hollows, at various distances, not exceeding 120 yards. This right flank defence of the enemy, occupied by the German corps of Breyman, consisted of a breast work of rails piled horizontally between perpendicular pickets, driven into the earth, *en potence* to the rest of his line, and extended about 250 yards across an open field, and was covered on the right by a battery of two guns. The interval from the left to the British light infantry, was committed to the defence of the provincialists, who occupied a couple of log cabins. The Germans were encamped immediately behind the rail breast work, and the ground in front of it declined, in a very gentle slope, for about 120 yards, when it sunk abruptly. Our troops had formed a line under this declivity, and covered breast high, were warmly engaged with the Germans. From this position, about sunset, I perceived Brigadier General Learned advancing towards the enemy with his brigade, in open column, I think with Col. M. Jackson's regiment in front, as I saw Lieutenant Colonel Brooks, who commanded it, near the General when I rode up to him. On saluting this brave old soldier, he inquired, "Where can I *put in* with most advantage?" I had particularly examined the ground between the left of the Germans and the light infantry, occupied by the provincialists, from

whence I had observed a slack fire. I therefore recommended to General Learned to incline to his right, and attack at that point. He did so, with great gallantry; the provincialists abandoned their position and fled. The German flank was, by this means, left uncovered. They were assaulted vigorously, overturned in five minutes, and retreated in disorder, leaving their gallant commander, Lieut. Colonel Breyman, dead on the field. By dislodging this corps, the whole British encampment was laid open to us; but the extreme darkness of the night, the fatigue of the men, and the disorder incident to undisciplined troops, after so desultory an action, put it out of our power to improve the advantage; and, in the course of the night, General Burgoyne broke up his camp, and retired to his original position, which he had fortified, behind the great ravine."

On the morning of the 8th, the American army marched into the British camp, which had been deserted the evening previous. The enemy continued to retreat till they had reached the height beyond the Fish creek, where they encamped on the 10th. Finding his retreat cut off by a party of troops, who had taken a position in his rear, and his advance impeded by superior numbers, General Burgoyne accepted the terms of capitulation, proposed by General Gates, and surrendered his whole army to the American forces, on the 17th October, 1777. The surrender took place at Fort Hardy, where the British stacked their arms, and were permitted to march out with the honors of war. This fortunate event was followed by a succession of brilliant achievements, and finally led to the surrender of Lord Cornwallis, which terminated the struggle of the

revolution, after a period of nearly 8 years from its commencement.

FREEMAN'S FARM, on which the principal actions were fought, is immediately east of the main road running north and south, a road passing directly across it to the Hudson river in an eastwardly direction. In a meadow adjoining the first mentioned road, about ten rods south of a blacksmith's shop, and near the fence, is the spot where Gen. Frazer fell. A large bass-wood tree marked the place for a time ; but having been cut down, several sprouts which have sprung up from the parent stock, now designate the spot. A few rods directly south of this, on a slight eminence, is shown the place where Col. Cilley sat a-straddle of a brass twelve pounder, exulting in its capture ; and about half a mile still farther south is shown the house, still standing, which was used by Gen. Gates as his head-quarters.

In proceeding to the river, the hill on which General Frazer is buried is pointed out, about a mile and a half east of the battle ground, and 20 rods north of the road. His remains were deposited at his request, within a redoubt on the top of this hill. The redoubt, which is of an oblong form, from 100 to 150 feet in diameter, is still perfectly visible ; and the spot of Gen. Frazer's interment is near the centre. The British government, a few years since, employed an agent to erect a monument to his memory ; but proving faithless, he appropriated the money with which he was entrusted to his own use, and returned without effecting the object of his mission, pretending his inability to discover the spot in question. It therefore continues undistinguished by a monument, or even a stone, to mark the place where repose the remains of this gallant warrior.

SMITH'S HOUSE, in which General Frazer died,* and which, at that time, stood near the foot of this hill, has been removed about 80 rods in a north-eastwardly direction to the turnpike. It is a low old fashioned

* General Frazer died on the 8th of October, 1777, from wounds received in battle the day previous. A narrative of his death is given by the Baroness De Reidsell, who, with her two children, occupied the house in which the General expired. The following is an extract :

"But severe trials awaited us, and on the 7th October our misfortunes began ; I was at breakfast with my husband, and heard that something was intended. On the same day I expected Generals Burgoyne, Philips and Frazer to dine with us. I saw a great movement among the troops ; my husband told me, it was merely a reconnoissance, which gave me no concern, as it often happened. I walked out of the house and met several Indians in their war dresses, with guns in their hands. When I asked them where they were going, they cried out, War ! War ! (meaning that they were going to battle.) This filled me with apprehension, and I had scarcely got home, before I heard reports of cannon and musketry, which grew louder by degrees, till at last the noise became excessive. About 4 o'clock in the afternoon instead of the guests whom I expected, Gen. Frazer was brought in on a litter, mortally wounded. The table which was already set, was instantly removed, and a bed placed in its stead for the wounded General. I sat trembling in the corner ; the noise grew louder and the alarm increased ; the thought that my husband might perhaps be brought in, wounded in the same way, was terrible to me, and distressed me exceedingly. General Frazer said to the surgeon, "*tell me if my wound is mortal, do not flatter me.*" The ball had passed through his body, and unhappily for the General, he had eaten a very hearty breakfast, by which

Dutch building, with the gable end to the river, painted yellow—the sides red, and shingle roof. The entrance is towards the river, under an old and dilapidated portico—and the whole bears the marks of anti-

the stomach was distended, and the ball, as the surgeon said, had passed through it. I heard him often exclaim with a sigh, "*Oh fatal ambition! Poor General Burgoyne! Oh my poor wife!*" He was asked if he had any request to make, to which he replied, that "*if Gen. Burgoyne would permit it, he should like to be buried at 6 o'clock in the evening, on the top of a mountain, in a redoubt which had been built there.*" I did not know which way to turn, all the other rooms were full of sick. Towards evening I saw my husband coming, when I forgot all my sorrows, and thanked God that he was spared to me. He ate in great haste with me and his aide-de camp, behind the house. We had been told that we had the advantage of the enemy, but the sorrowful faces I beheld told a different tale, and before my husband went away he took me one side, and said every thing was going very bad, that I must keep myself in readiness to leave the place, but not to mention it to any one. I made the pretence that I would move the next morning into my new house, and had every thing packed up ready.

"Lady H. Ackland had a tent not far from our house. In this she slept, and the rest of the day she was in the camp. All of a sudden, a man came to tell her that her husband was mortally wounded and taken prisoner. On hearing this, she became very miserable. We comforted her by telling her that the wound was only slight, and at the same time advised her to go over to her husband, to do which she would certainly obtain permission, and then she could attend him herself. She was a charming woman, and very fond of him. I spent much of the night in comforting her, and then went again to my children, whom I had put to bed. I

quity—the only addition to it being a small out house. The room in which Gen. Frazer died is directly in front, and has undergone no material change since that period.

could not go to sleep, as I had Gen. Frazer, and all the other wounded gentlemen, in my room, and I was sadly afraid my children would awake, and by their crying disturb the dying man in his last moments, who often addressed me, and apologized "*for the trouble he gave me.*" About three o'clock in the morning I was told he could not hold out much longer. I had desired to be informed of the near approach of this sad crisis; and I then wrapped up my children in their clothes, and went with them into the room below. About 8 o'clock in the morning he died. After he was laid out, and his corpse wrapped in a sheet, we came again into the room, and had this sorrowful sight before us the whole day; and to add to the melancholy scene, almost every moment some officer of my acquaintance was brought in wounded. The cannonade commenced again; a retreat was spoken of, but not the smallest motion made towards it. About 4 o'clock in the afternoon, I saw the house which had just been built for me in flames, and the enemy was not far off. We knew that Gen. Burgoyne would not refuse the last request of Gen. Frazer, though by his acceding to it, an unnecessary delay was occasioned, by which the inconvenience of the army was much increased. At 6 o'clock the corpse was brought out, and we saw all the generals attend it to the mountain. The chaplain, Mr. Brudenell, performed the funeral service, rendered unusually solemn and awful from its being accompanied by constant peals from the enemy's artillery. Many cannon balls flew close by me, but I had my eyes directed towards the mountain, where my husband was standing, amidst the fire of the enemy, and of course I could not think of my own danger. Gen. Gates afterwards said, that if he had known it had been a funeral, he would not have permitted it to be fired on."

About half a mile south of Smith's house, near the river, is the residence of Major EZRA BUELL, who was in the army of Gen. Gates, and who has since continued to reside on this interesting spot. Though advanced to the age of 86 years, his memory is still good, and he yearly accompanies strangers in their excursions over the battle ground, pointing out to them the different scites on which the most important events transpired. Eight miles north of this, on the turnpike, is the village of

SCHUYLER-VILLE, noted as the residence of the late Gen. Schuyler, and still more so as the place where Gen. Burgoyne surrendered to the American army in October, 1777.

The ground on which the surrender took place, was in a vale nearly east, and in plain view of Barker's stage house on the turnpike in Schuyler-Ville, and still exhibits the remains of an intrenchment called Fort Hardy. About 40 rods in a south-east direction, at the mouth of Fish creek, is the scite of Fort Schuyler. The arms of the British were stacked in the vale in front of Fort Hardy, and from thence they were marched to the high grounds a little west of the village, and admitted to parol as prisoners of war. At the southern extremity of the vale is a basin for the northern canal, which passes through this place. About half a mile south of the basin stands the house of Philip Schuyler, Esq., located on the spot where once stood the mansion of his grandfather, the intrepid Gen. Schuyler, which, with other buildings, was burnt by the British army, on their retreat from the battle of the 7th.

The village contains 70 or 80 houses, and an extensive cotton factory and machine shop—the latter owned by Mr. Schuyler.

FORT-EDWARD is 12 miles north of Schuyler-Ville. It is not on the usual route of travellers from the Springs to Lake George; but being a short distance only from Sandy-Hill, it may be easily visited. The fort, once situated where the village now stands, has long since been demolished; though its former location is easily traced in the mounds of earth which are still visible. About 100 rods north of the village is a dam across the Hudson river, 27 feet high and 900 feet long, supplying with water a feeder to the Northern Canal. The cost of this dam was \$30,000. There is also a permanent bridge across the river a short distance below.

One mile north of Fort-Edward, on the west side of the road, the traveller is shown a large pine tree, with a spring near its foot, memorable as the spot where Miss M'CREA was murdered by the Indians during the revolutionary war. She was betrothed to a Mr. Jones, an American refugee, who was in Burgoyne's army. Anxious for a union with his intended bride, he dispatched a party of Indians to escort her to the British camp. Against the remonstrance of her friends, she committed herself to their charge. She was placed on horseback, and accompanied her guides to the spring in question, where they were met by another party sent on the same errand. An altercation ensued between them as to the promised reward, (which was a barrel of rum,) and while thus engaged, they were attacked by the whites. At the close of the conflict, the unhappy

young woman was found a short distance from the spring, tomahawked and scalped. There is a tradition that her scalp was divided by the respective parties, and carried to her agonized lover. He is said to have survived the shock but a short time; and to have died of a broken heart. The name of Miss M'Crea is inscribed on the tree, with the date 1777. Her remains were disinterred a few years since, and deposited in the church-yard at Sandy Hill.

SANDY HILL is two miles from Fort Edward, on the route from Saratoga Springs to Lake George. It is situated on the margin of the Hudson river, immediately above Baker's Falls, about 18 miles from the Springs. A wooden bridge extends across the river at this place, from which the road leads up a precipitous ascent, on the summit of which the village is situated. The streets are laid out in the form of a triangle. In the centre is an open area, surrounded by handsomely constructed stores and dwellings. The village contains upwards of 100 houses, and about 500 inhabitants. The courts of the county are held alternately here and at Salem.

GLEN'S FALLS, a village of about the same size of Sandy Hill, is 3 miles further up the Hudson river, on the direct route to Lake George. At this place are the celebrated falls from which the village takes its name. These are situated about 1-4 of a mile south of the village, near to a permanent bridge, extending partly over the falls, and from which the best view of them may be had. The falls are formed by the waters of the Hudson, which flow in one sheet over the brink of the precipice, but are immediately divided by the rocks into

three channels. The height of the falls is ascertained, by measurement, to be 63 feet ; though the water flows in an angular descent of 4 or 500 feet. Some rods below the falls, is a long cave in the rocks, extending from one channel to the other. On its walls are inscribed a variety of names of former guests, who have thought proper to pay this customary tribute. The rocks, which are at some seasons covered with water, but at others entirely dry, are chequered by small indentations, and in many places considerable chasms are formed, probably by pebbles kept in motion by the falling water. It is very evident that these falls, like those of Niagara, were once a considerable distance lower down the river—the banks below being composed of shelving rocks, from 30 to 70 feet perpendicular height. On the north side of the river is a navigable feeder, communicating with the Champlain canal. It commences nearly two miles above the falls ; and with the exception of about a quarter of a mile, which appears to have been cut out of a shelving rock, runs along a ravine east of Sandy-Hill ; and intersects the main canal some distance below.*

* JESSUP'S FALLS, which are about 10 miles above Glen's Falls on the Hudson, are worthy the attention of travellers. The whole scenery is highly romantic and picturesque, and the descent of the falls, which are perpendicular, and embrace the whole river in an entire sheet, is nearly 100 feet. Five miles farther north are the HADLEY FALLS, which are a succession of pitches over a rocky and uneven bed. The whole descent, commencing at the upper fall, is between 80 and 100 feet. Over the lower fall a permanent bridge, (see engraving,) about 50 feet from the water is erected. The

Conveyances from Sandy Hill, *via* Glen's Falls, to Lake George, may at all times be procured, for the moderate fare of one dollar. From Glen's Falls to the Lake the distance is 9 miles, over on indifferent road, affording little other variety than mountains and forests, with here and there a rustic hamlet. Within 3 1-2 miles of Lake George on the right hand, and a short distance from the road, is pointed out the rock, at the foot of which Col. Williams was massacred by the Indians, during the French war. At the distance of 1-2 a mile farther, on the same side of the road, is the "*Bloody Pond*," so called from its waters having been crimsoned with the blood of the slain who fell in its vicinity, during a severe engagement in 1755. It is said, that skulls are found in the neighborhood of this pond, and that numerous others may be taken from the bottom. Three miles farther is situated the village of

river is here contracted to a very narrow space, within lofty rocky embankments, between which the water rushes with great force and wildness into the basin below, uniting with the Sacandaga river, a large and rapid stream, which rises about 60 miles at the north-west. Both of these rivers abound with trout and other fish, affording ample employment for those who are fond of angling. The country here is extremely rugged and mountainous, and presents but little appearance of cultivation.

Travellers designing to visit these places, will find it the most convenient to take a carriage at Saratoga Springs, from which to Jessup's Falls is 14 miles, and to Hadley Falls 5 miles farther. The route is over a good road, and, including a visit of two or three hours, may be easily performed (going and returning) in a day.

CALDWELL, on the south western margin of the lake. This village contains a number of neat little buildings, and about 60 inhabitants. The Lake George Coffee-House, kept by Mr. Baird, has been fitted up in good style, and can accommodate from 80 to 100 visitants. There are here, also, a post-office, a church, and a court-house. The village is bordered on the east by a range of hills, to the highest of which, called Prospect Hill, a road has been made, and though difficult of ascent, the toil is richly compensated in the diversified and extensive prospect afforded from its summit.

LAKE GEORGE,

Is situated but a short day's ride from the village of Saratoga Springs, (27 miles,) from whence an excursion to the Lake is considered as a matter of course. Indeed, there are few places where a greater variety of inducements attract the stranger than at Lake George. Besides the interest which is excited from an association of many important historic events, this place is rendered peculiarly interesting from the unrivalled exhibition of the beautiful and romantic scenery presented by the lake and its environs. At the village of Caldwell the lake is about one mile in width, but it generally varies from 3-4 of a mile to 4 miles. The whole length is 36 miles. The waters are discharged into Lake Champlain, at Ticonderoga, by an outlet which, in the distance of 2 miles, falls 180 feet.

Lake George is remarkable for the transparency of its waters. They are generally very deep, but at an ordinary depth the clean gravelly bottom is distinctly visible. The great variety of excellent fish which are caught here, renders it a favorite resort for those who

are fond of angling. The salmon trout is caught in abundance, weighing from 12 to 20 pounds. The lake is interspersed with a great number of small islands, the principal of which, Diamond Island, once containing a military fortification, and Tea Island, on which is a summer house erected for the amusement of parties of pleasure, are visible from the head of the lake. The whole number of islands is said to equal the number of days in the year.

The scenery on the borders of the lake is generally mountainous. With the exception of some intervals, checkered with fruitful cultivation, the land recedes from the lake with a gentle acclivity, for a few rods, and then, with a bolder ascent, to an elevation of from 500 to 1500 feet. The best view of the lake and its environs is had from the southern extremity, near the remains of old Fort George,* from whence the prospect embraces the village of Caldwell and the numerous little islands rising from the calm bosom of the lake, whose waters are beautifully contrasted with the parallel ridges of craggy mountains, through an extent of nearly fourteen miles. Near the southern shore of the lake are the ruins of an old fortification, called

FORT WILLIAM HENRY. Vestiges of the walls and out-works are still to be seen. Previous to its construction, the scite of the fort was occupied by the English army under the command of Sir William Johnson,

* A very good prospect is also obtained from the top of the Lake George House, to which a flight of stairs ascends; but one far better from Prospect Hill, previously mentioned.

who was making preparations for an attack upon Crown Point. Before any movement was made by Sir William, the French army, under the command of Baron Dieskau, marched from Ticonderoga for Fort Edward, but afterwards changing his purpose, he was proceeding to the head of the lake, when he unexpectedly fell in with a party of the English, who had been detached by Sir William for the relief of Fort Edward. A severe battle ensued, in which the English were defeated, and compelled hastily to retire from the field. They were pursued into their intrenchments by the French army, who commenced a furious assault upon the English camp, but were repulsed with great slaughter. The discomfited Baron, on his retreat from this unsuccessful attack, was a third time engaged by a party of English, who had been despatched by the garrison at Fort Edward, to succour Sir William Johnson, and totally defeated. These three several engagements took place on the same day, the 6th September, 1755, in the vicinity of Bloody Pond, into which the bodies of the slain were afterwards thrown. In 1757, Fort William Henry contained a garrison of 3,000 men, under the command of Col. Munroe. The Marquis de Montcalm, after three attempts to besiege the fort in form, reinforced his army to about 10,000 men, and summoned Col. Munroe to surrender. This summons being refused, Montcalm, after a furious assault, obliged the English to capitulate. The terms of the capitulation, though honorable to the English, were shamefully violated by the Indians attached to the French army, who massacred the whole garrison, except a small remnant, who made their escape to Fort Edward. The fort was

razed to the ground by Montcalm, and was never afterwards rebuilt. This spot was the scene of embarkation of General Abercrombie, who, in 1758, descended the lake with an army of 15,000 men, for an attack on Ticonderoga. About 80 rods farther south, on a commanding eminence, are situated the vestiges of old FORT GEORGE. This fort, though not distinguished by any event of importance, yet in connexion with the history of Lake George, imparts an interest which a stranger will readily embrace in a visit to its mouldering ruins. A part of the walls, which were originally built of stone, are still visible, from 30 to 40 feet in height. This fort was the depot for the stores of General Burgoyne, for some time during the revolutionary war.

The steam-boat Mountaineer usually performs a daily trip on Lake George so as to intersect the boats running on Lake Champlain ; leaving Caldwell in the morning, and returning at evening. The length of the Lake, on which the boat runs, is 36 miles—fare \$2. From the steam-boat landing to Ticonderoga is a distance of 3 miles ; for which a conveyance is provided, going and returning, for 50 cents each way. Refreshments are provided at Pierce's tavern, half a mile from the landing, after which parties usually proceed to the Fort, and return to Pierce's the same evening, from whence they may take the boat on its return the next day to Caldwell.

THE PASSAGE OF LAKE GEORGE cannot fail to impart a great degree of interest, even to the most indifferent observer. The Lake is interspersed with a great variety of islands, some of which are very small, but yet serve the purpose of diversifying the prospect. The smooth, green surface of the water is strikingly contrasted with the bold and rugged shores of the Lake,

which vary their distance from 3-4 of a mile to 4 miles in width, and occasionally rise to 1500 feet in height. These circumstances, added to the numerous historical associations which are continually suggested to the mind, and to the animation which a fair day and prosperous passage are calculated to impart, serve to create impressions which must always be remembered with peculiar satisfaction.

Ten miles from Caldwell, down the Lake, are a range of mountains possessed by a celebrated hunter of the name of Phelps, as a DEER PASTURE. In the spring, when the vegetation of the previous year is sufficiently dry, he sets fire to the mountains. Subsequently, green and tender herbs spring forth, and induce droves of deer to resort thither in quest of food ; by which means the hunter succeeds in killing hundreds annually. On the opposite side of the lake, at a very considerable elevation, is the residence of a wealthy farmer of Bolton. Two miles further is TWELVE MILE ISLAND, being that distance from Caldwell. It is of a circular form, of about 20 acres, situated in the centre of the lake, and is elevated 30 or 40 feet above the water. From thence one mile, on the north west side of the lake, is

TONGUE MOUNTAIN, with WEST BAY on its west side, 1 1-2 mile wide, and extending in a northerly direction 6 miles. What is called the Narrows commences here, and continues for 6 or 7 miles, being 3-4 of a mile wide and very deep. A line 500 feet long has been used in sounding, without reaching bottom.

BLACK MOUNTAIN, 18 miles from the head of the Lake, is situated on the east side, and has been ascertained, by admeasurement, to be 2200 feet in height. Opposite to Black Mountain, near the western shore, is

HALF WAY ISLAND. A short distance north of this is some of the finest mountain scenery on the continent. The mountains exhibit an undulating appearance, are thickly studded with pines and furs, and interspersed with deep and almost impenetrable caverns.

SABBATH-DAY POINT, 24 miles from Caldwell, is a projection of the main land into the Lake from the west side. It is the place on which the English troops landed on the sabbath during the French war, and is the spot on which a sanguinary battle was fought with the Indians. The English, with no chance of retreat, were all killed. From thence, 3 miles, is a small island called the **SCOTCH BONNET**. Three miles further on the west shore of the lake, is a little hamlet called by the inhabitants the city of Hague, containing only two or three dwellings, and as many saw mills. The lake is here 4 miles wide, being its greatest width. From this place to

ROGER'S SLIDE is 3 miles. This is celebrated as the spot where Col. Rogers escaped from the Indians during the French war. The descent is an angle of about 25 degrees, over a tolerably smooth rock, 200 feet in height. The Col. who had been a great foe to the Indians, was nearly surrounded by them on the top of the mountain, and found no other means of escape than to slide down this precipice. It being winter, and having snow shoes on his feet, he landed safely on the ice. The Indians afterwards saw him ; but supposing that no human being could have made the descent, and that he must, of course, be supernatural, they concluded it not only useless, but dangerous to follow him.

ANTHONY'S NOSE, so called from its singular shape, is a high rock, nearly opposite to Roger's Slide. The shores

here are bold and contracted, and exhibit massive rocks, which are from 50 to 100 feet in height. From thence to

PRISONER'S ISLAND, is two miles, a spot where prisoners were confined during the French war; and directly west of this is LORD HOWE'S POINT, so called from being the place where Lord Howe landed immediately previous to the battle in which he was killed at Ticonderoga. He was a brother of the late Lord Howe, who commanded the British forces at Philadelphia during the revolutionary war. The water here, from a deep green, assumes a lighter color, owing to a clayey bottom. From thence to the outlet of the lake, which terminates the steam-boat passage, is one mile. Three miles further, over a circuitous and uneven road, in an easterly direction, are the fort and ruins of

TICONDEROGA. The point projects between the lake on one side, which here suddenly expands to the west, and the creek on the other, which unites the waters of lake George and Champlain, and forms its southern boundary. On the opposite side of the lake, in a south-east direction, stands Mount Independence. Mount Defiance, 720 feet in height, is situated across the creek directly west of the Fort. This height was occupied by the artillery of General Burgoyne in 1777, when the Americans were compelled to evacuate Ticonderoga. The fortress of Ticonderoga was first constructed by the French in 1756. The works appear to have been very strong, are elevated about 200 feet above the level of lake Champlain, and many of the walls are still standing. The Magazine is nearly entire. It is 35 feet long, 15 feet wide, and 8 feet high, constructed under

ground, of stone, and arched. A subterraneous passage leads from the southwest corner of the works to the lake, 20 or 30 rods in length. Through this passage Col. Ethan Allen passed when he took possession of the fort "*in the name of the Great Jehovah, and the Continental Congress.*" The remains of another fortification, built during the revolutionary war, are still to be seen about 60 rods farther south on the point adjoining the lake. The walls next the lake are nearly 60 feet in height.

In 1758 Ticonderoga was attacked by general Abercrombie, who was repulsed with the loss of 2000 men. On the approach of Gen. Amherst, in 1759, it was quietly abandoned by the French, as was also Crown Point. It continued in possession of the British until the year 1775, when it was taken by Col. Allen. On evacuating the fort in 1777, Gen. St. Clair ordered a detachment to accompany the American stores and baggage to Skeensborough, where they were pursued by Gen. Burgoyne and from thence to Fort Ann. At the latter place a smart skirmish ensued between the two parties, in which the British sustained a considerable loss. The main army retired from Ticonderoga to Hubbardton, where a party consisting of about 1000, under Col. Warner, were overtaken by the British advanced guard, and after a severe action abandoned the field to superior numbers. From thence they joined General Schuyler at Fort-Edward on the 12th July, 1777.

From Ticonderoga, travellers may be conveyed across the lake to Larrabee's, in Shoreham, Vermont, a distance of one mile, where those designing a tour to Montreal and Quebec, may take passage in the Cham-

plain steam-boat, for St. John's. The boat arrives at Larrabee's towards evening, and the passage from thence to Plattsburgh, with the exception of about 15 miles to Crown Point, is generally in the night. At present the most usual arrangements of the tourist are, after visiting Lake George and Ticonderoga, to return to the Springs, from thence to take passage in the regular stage to Utica, by way of Johnstown; or proceed to Schenectady, where a post coach or packet boat can be taken daily for Niagara.

EXCURSION TO THE WEST.

Travellers who design to visit Niagara and return, without proceeding down Lake Ontario to Montreal, will find an excursion the most pleasant and diversified by travelling in stages and canal boats alternately. The stage route affords a better prospect of the populous parts of the country; but is generally so far from the canal, that no opportunity is given of witnessing many of the thriving villages on its banks. It is therefore advisable so to arrange a tour that the most interesting parts of both routes may be seen in going and returning. To effect this, a packet boat may be taken at Schenectady at evening, which will pass Little Falls the next morning, affording the tourist an interesting view of the scenery and aqueduct at that place, and reach Utica in the afternoon. The next morning a stage can be taken for Rochester, via Auburn, reaching the former place at evening of the second day; from whence a packet boat leaves every morning, reaching Lockport at daylight the next morning. Here a stage may be taken for the Falls, 20 miles distant, or the pas-

sage, by canal, continued to Buffalo. But a better method, undoubtedly, if the fatigue of land travelling should not prevent, is, to continue on the stage route from Utica direct to Buffalo, by way of Auburn, Geneva, Canandaigua and Batavia; and return by canal from Lockport to Utica, stopping at least a day at each of the thriving villages of Rochester and Syracuse; where objects of sufficient attraction will be found to warrant even a protracted visit.

Heretofore, the months of July and August have been selected for an excursion to the west; but experience has abundantly proved, that the early part of September is far preferable. The heat of summer having then in a measure subsided, the air is more salubrious, and the pleasure of a journey less interrupted by dust, perplexity and fatigue. Added to this, it is the season of peaches; of which a great abundance of the most delicious are to be found between Canandaigua and Buffalo.

That tourists may be the better enabled to gratify their taste as to the mode of travelling, we subjoin a sketch of the stage and canal routes, disconnected, premising, that a change from one to the other may be easily effected at various points.

THE STAGE ROUTE.

From Saratoga Springs, a stage leaves every morning at 8 o'clock, passing through Ballston Spa, Galway, Johnstown, and Little Falls to Utica, where it arrives at 10 P. M. Distance, 88 miles—fare \$3. The intermediate distances are as follows :

	<i>Miles.</i>		<i>Miles.</i>
Ballston Spa,.....	7	Fort Plain,.....	3
Galway, ...	8	East Canada Creek,	4
Stimson's Farm, ...	1	Little Falls.....	7
Fonda's Bush,.....	9	Herkimer, ...	8
Johnstown, ...	10	Frankfort, ...	6
Caughnawaga, ...	4	Utica,.....	9
Palatine,.....	12		

After passing Ballston Spa, the first object of attraction is the FARM of Maj. EARL STIMSON, in Galway, 16 miles from Saratoga Springs. It is beautifully located on an eminence, commanding a very handsome prospect; and, under the successful tillage of its opulent and hospitable proprietor, is one of the most favored tracts of land in the state. It is generally laid out into lots of 10 acres each; all of which appear in the highest state of cultivation. To Maj. S. the farmers in the county, and particularly in his own town, are much indebted for many improvements suggested and adopted by him in agriculture.

FONDA'S BUSH, a small manufacturing village, is 10 miles from Galway; and 10 miles farther is the village of

JOHNSTOWN, celebrated as the former residence of Sir William Johnson. The village contains between 2 and 300 buildings, a court house, jail, 3 churches, an academy, and 2 printing offices. It is situated on a handsome plain, with streets running at right angles; and though many of the buildings are antiquated, yet there are several handsome private residences. The court-house, jail and Episcopal church were built by Sir William; beneath the latter of which his remains now repose. In opening the vault a few years since, it was found to contain so much water that the coffin

was actually floating on its surface. The lid, composed of mahogany, was taken off, and still remains inside of the church. It bears this inscription, formed with brass nails: "Sir Wm Johnson Bt Obiit 1774." The house, or what is called the "Hall," formerly occupied by Sir W. is about a mile from the village. Attached to it is a building which was used by him as a fort; into which he had occasion, at times, to retreat from the assaults of the Indians. The marks of tomahawks are still visible on the stair-case in the main building.

The battle of Johnstown, October, 1781, in which the British and Indians were defeated, was fought on the "Hall" farm. The American troops, consisting of between 4 and 500, were commanded by the venerable Col. Willet, who lately died at New-York. After the defeat, the enemy were pursued by him to the Canada creek, where several were killed, including Maj. Butler. Out of 607 of the hostile force sent on this expedition, but 220 returned to Canada.

CAUGHNAWAGA is 4 miles from Johnstown, on the turnpike leading from Schenectady to Utica. It has little to render it a place of interest, if we except an antiquated stone church, which has been built between 60 and 70 years, without having undergone any material improvement or change during that period.

Twelve miles farther, the stage stops at PALATINE; affording a beautiful prospect of the village of CANAJOHARIE, situated on the plain below, and on the banks of the canal.

FORT PLAIN, a flourishing little village, is 3 miles west of Palatine. A fort, from which the place derives

its name, was constructed here during the revolutionary war; though but little of its remains are now to be seen. The place was originally settled by Germans, who suffered severely from the early Indian wars of this country. During the revolution, those who had taken refuge in the fort, were surprised by Capt. Butler, on his return from burning Cherry Valley, and became a prey to similar atrocities.

The EAST CANADA CREEK is passed by a substantial bridge, in going 4 miles farther; from which to

LITTLE FALLS, is 7 miles. This place takes its name from a cataract in the vicinity, which, in size, is much inferior to the celebrated Cahoes, and has, therefore, been denominated the Little Falls of the Mohawk. A continuation of the chain of Catsbergs crosses the river at this place, and forms a rough bed for the waters of the cataract, which pour over the rocky fragments in the wildest confusion. Approaching from the southeast, a lofty ridge of mountains, frowning in grandeur on either side, conceals the course of the river and the falls, whose vicinity is announced only by the distant din and foam of its waters. For a considerable distance, a narrow pass only is allowed for a road, with immense natural battlements of rock on either side, affording a sublime and most interesting spectacle. About 1-2 a mile from the village the road turns suddenly to the left, presenting a view of the falls tumbling with irresistible violence over a gradual rocky descent of about 80 rods. At the termination of the ascent is situated the village, containing about 100 houses and 800 inhabitants. A little cluster of buildings, rising be-

tween the rushing waters of the Mohawk on the one hand, and the rugged cliffs and eminences on the other; the smooth current of the stream above gently gliding to the tumultuous scene below, and beyond the distant vale of the Mohawk diversified with fields, orchards, meadows, and farm houses, all contribute to set off the romantic appearance for which this place is so justly celebrated. This village derives most of its importance from the facilities for trade and commerce afforded by means of the Mohawk river and the Erie canal. Boats were formerly transported around the falls by means of a canal on the north side of the river. This old canal contains 8 locks and is now connected with the Erie canal on the south side of the river by means of an aqueduct 184 feet in length. The descent of the Erie canal here, in the distance of one mile, is 40 feet, which is passed by 5 locks.

Travellers will always find it interesting to spend some time at this place, in viewing its great natural and artificial works. The *Aqueduct* across the river is one of the finest specimens of masonry on the whole line of the canal, though less stupendous than the locks at Lockport, and, in extent, falling considerably short of the aqueduct at Rochester. The river is passed on three beautiful arches of from 40 to 50 feet in height, with flagging on either side of the canal, and a strong iron railing. After crossing on the flagging, the stranger should return on the wooden bridge west of the aqueduct; which being several feet lower, affords a fine view of the arches, and of the extensive basin in the river, immediately beneath the centre arch; form-

ed, doubtless, by the action of round stones set in motion by the water.

The Erie canal, which is on the south side of the river, winds its way for some distance along the side of a bold and lofty mountain, the channel resting on a wall nearly 30 feet high, constructed from the bed of the river at great expense. The view afforded from a packet boat of mountain scenery on either side, with a bare passage for the dashing waters of the Mohawk between, is highly interesting and sublime. Whichever way the eye is turned, it rests on huge masses of granite and limestone, piled in heaps. These rocks in some places rise to a great height, almost perpendicular, presenting a bleak black surface, unbleached by the thousand storms which have beat upon them; others present a ragged and uneven face, crowned and overhung by dark evergreens, dropping their verdure into the foaming torrent below; the fissures between others of these huge piles produce hickory, maple and other trees, which hang from them, and with their sombre shadow deepen the gloomy darkness of the rocks from which they spring; whilst the scanty soil upon others gives life and penurious nourishment to dwarf oaks and vegetation peculiar to similar inhospitable regions. In this scene, where the rude but magnificent works of nature are so profusely displayed, the imagination is overpowered, in their sublimity, and the proudest works of man, and man himself lose their importance. Even the canal, cut upon the mighty and enduring precipice—the road entrenched upon the mountain side, and the substantial locks and gates, all sink into comparative insignificance under the mighty shadows of the everlasting hills.

Crystals of quartz, the most translucent, it is believed, of any heretofore discovered in the state, are found in considerable quantities a short distance from the village.*

The road, after leaving Little Falls, follows the bank of the river, in full view of the rich alluvial vale called the Herkimer and German Flats. This region, now glowing in all the beauty of successful cultivation, was once the theatre of the most sanguinary warfare. During the French and revolutionary wars, it was the scene of many barbarous incursions of the whites as well as savages. It was invaded by the French after the capture of Fort Oswego in 1756, and in 1757 the settlements were desolated by fire and sword. In the center of these flats is situated the village of

HERKIMER, 8 miles from Little Falls. This village, as well as that of Little Falls, forms a part of the town of Herkimer, which extends along the banks of the Mohawk about 15 miles. West Canada Creek enters the river about half a mile east of the village, and is passed near its mouth by a well constructed bridge. The village is principally built on two parallel streets. It contains about 100 houses, and not less than 800 inhabitants. Every appearance indicates a thriving and prosperous village. Between Herkimer and Utica is

* About 10 miles SE. of this place, on the ravine of a small stream, which empties into the Osquake creek, are some of the most interesting specimens of petrifications ever discovered in the country. They consist of a mass from 20 to 25 feet long, and from 3 to 5 feet in diameter, composed partly of petrifications and partly

the small but thriving village of FRANKFORT, about 6 miles from the former and 9 from the latter place. The country after leaving Herkimer is quite level, and remarkably fertile, though not in a high state of cultivation.

UTICA.

This flourishing village stands on the south bank of the Mohawk river, 94 miles westwardly of Albany. It occupies the scite of old Fort Schuyler, where a garrison was kept previous to the revolution. Some remains of this fort are still to be seen between the eastern extremity of Main street and the river. A few Germans were settled here previous to the revolutionary war; but a part were captured by the Indians and the

of incrustations. The lower part exhibits the trunk of a hemlock tree, 2 feet in diameter, while the other parts seem to have been formed of fragments of the same kind of tree. The transition from wood to tufa has been effected with so much precision, that the whole ligneous structure of the wood, its concentric layers, coatings or rings, gum, knots, &c. are most perfectly preserved. From some unknown cause, the waters which issued out of the declivity above the mass have failed or been diverted, so that petrification has ceased at this spot. But in other parts of the declivity from which waters issue, they are so highly impregnated with calcareous and other matters as to incrust pieces of wood coming within their reach. Not far from this place, the road has been cut through a tufa rock of very large dimensions; on the sides of which are seen petrified pieces of wood imbedded within the mass. Whenever time will permit, mineralogists will find it interesting to stop a day at Herkimer, for the purpose of visiting these extraordinary formations.

remnant sought a place of more security. The first permanent settler established himself at Fort Schuyler in 1734. Five years afterwards the families established themselves on the site of the present village, and in 1798 a village charter was granted to the place; since which it has rapidly increased in population. In 1813, it contained 1700 inhabitants; in 1816, 2828; in 1820, 2972; in 1823, 4017; in 1826, 6040; in 1828, 7460; and in 1829, 9081. The village is regularly laid out, the streets of good width, and mostly paved. Genesee street, in particular, is peculiarly pleasant, and for the most part adorned with elegant stores and dwellings.

There are numerous literary, benevolent and religious institutions in this place. Among these the Oneida Institute of Science and Industry is perhaps most worthy of remark, from its uniting manual with mental labor on the part of the students. There is a farm attached to it comprising one hundred and fourteen acres, upon which each student labors from three to four hours per day, and it is said that the experiment of two years proves that labor from 3 to 5 hours per day pays the board of the student in this plentiful region. It is principally intended for the education of those designed for the ministry, but its privileges are common to all youth of unexceptionable character. There are also a classical academy, a library, lyceum, and 9 churches, some of which are very elegant.

Of the public houses, *Bagg's Tavern* (see plate) by Messrs. Bagg and Churchill, is pleasantly located opposite a wide area formed by the junction of Genesee, Main, John and Whitesboro' streets, near the river.

and but a short distance from the canal. It is a large establishment, well furnished and well kept, and may be justly ranked among the best public houses in the Union. The *Mansion House*, by Mr. Sanger; the *Canal Coffee-House*, by Mr. Wells; the *U. S. Hotel*, by Mr. Shepherd; the *Oneida House*, and *Clinton House*, are also highly respectable and commodious establishments, enjoying an extensive patronage.

The lands adjoining Utica are richly cultivated, presenting a succession of beautiful farms and country seats. There are also various objects of attraction in the vicinity, a visit to which may be ranked among the pleasures of an excursion to the west. Of these are Trenton Falls, at the north; and Whitesborough, the York Mills, Clinton Village containing Hamilton College, and Rome, all within a few miles in a westerly direction.

From what is called the *summit*, an elevated spot near the village, a charming prospect may be had of the adjacent country, and particularly of the vale of the Mohawk for several miles in extent, including the beautiful and diversified farms which rise in a gentle acclivity from the river.

Two daily lines of packets run between Utica and Schenectady. The morning line leaves Utica at 8 A. M. on the arrival of the western boats, and the evening line at 8 P. M. The boats are 24 hours in passing from one place to the other. A daily line also runs between Utica and Buffalo, leaving Utica at 8 P. M. on the arrival of the eastern boats, and reaches Buffalo in 3 days.

STAGES.

The **DILIGENCE MAIL COACH**, which travels by daylight only, leaves Utica, daily, at 5 A. M. and arrives at Auburn the first day, Rochester and Avon the second, and Lewiston and Buffalo the third.

The **PILOT COACH** leaves Utica, daily, on the arrival of the Schenectady packets in the evening, and reaches Buffalo via Batavia, and Lewiston via Rochester, in 2 days.

The **EAGLE COACH** leaves Utica every day, immediately after the arrival of the 2 o'clock P. M. packet from Schenectady, and arrives at Canandaigua the following afternoon; at which place passengers may take the Pilot Coach for Buffalo via Batavia at 9 P. M. and for Rochester at 9 P. M. and 8 A. M. the next morning.

The **UNION LINE** leaves Utica every day at 10 P. M. for Canandaigua, through in one day.

The **PIONEER LINE** also runs daily, Sundays excepted. The stage fare from Utica to Canandaigua, 111 miles, is \$3,50; from Utica to Rochester, 142 miles, from \$4 to \$4,50; and from Utica to Buffalo, 200 miles, \$6,50. The intermediate distances are as follows:

	<i>Miles.</i>		<i>Miles.</i>
New-Hartford, ...	4	Marcellus, ...	8
Manchester, ...	5	Skaneateles, ...	6
Vernon, ...	8	Auburn, ...	7
Oneida Castle, ...	5	Cayuga, ...	8
Lenox, ...	3	Seneca Falls, ...	4
Quality Hill, ...	3	Waterloo, ...	4
Chittenango, ...	5	Geneva, ...	7
Manlius, ...	8	Canandaigua, ...	16
Jamesville, ...	6	East Bloomfield, ...	9
Onondaga Hollow, ..	4	West Bloomfield, ..	5
Onondaga Hill, ...	3	Lima, ...	4

	<i>Miles.</i>		<i>Miles.</i>
East Avon, ...	5	Pembroke, ...	14
Avon P. Office, ...	2	Clarence, ...	8
Caledonia, ...	8	Williamsville, ...	8
Leroy, ...	6	Buffalo, ...	10
Batavia, ...	10		

During the warm season, stages also leave several times a day (fare \$1 going and returning) for

TRENTON FALLS, 14 miles north of Utica. A description of these falls has been obligingly furnished to the editor of this work by JAMES MACAULEY, Esq., author of a History of the State of New-York, (a work of much merit, recently published) from which we make the following extracts :

“These renowned Falls are on West Canada creek, between 22 and 24 miles above its confluence with the Mohawk. The West Canada creek is a powerful stream, and constitutes almost one half of the river at the coalescence. They commence a little above the high bridge on the Black river road, and terminate at Conrad’s mills, occupying an extent of rather over 2 miles. They are 6 in number.

“The West Canada creek in its way from the summit of the highlands of Black river to its lower valley, lying between the latter and Hassenclever mountain, crosses a ridge of limestone 4 or 5 miles in breadth, stretching through the country from the Mohawk to the St. Lawrence. Its course over this ridge by its tortuous bed is 6 or 7 miles, 2 1-2 of which are above the falls. The waters of the creek, soon after they have reached the limestone, move with accelerated strides over the naked rocks to the head of the upper fall, where they are precipitated 18 or 20 feet down an ab-



Lith. of Pendleton.

rupt ledge into a spacious basin. The whole descent to the head of this fall in the last 2 miles is computed at 60 feet. Here a deep and winding ravine begins, which extends down the stream more than 2 miles. Its average depth is estimated at 100 feet, and its average breadth at the top, 200. The sides and bottom consist of limestone disposed in horizontal layers, varying in thickness from some inches to a foot and upwards, and abound with organic remains. The sides of the ravine are shelving, perpendicular and overhanging; and some of the trees that have taken root in the fissures of the rocks are now pendant over the abyss, where they form the most fanciful appearances imaginable. The country along, and neighboring the ravine, descends to the south and is mostly covered with woods which exclude every appearance till you arrive upon the very verge. There are 6 falls; that above the high bridge on Black river road, called the Upper, and that at the end of the ravine, Conrad's Fall. The first in the ravine is a mile below the high bridge, and is denominated the Cascades; the second, a little lower down, is called the Mill-dam; the third, by way of eminence, are called the High Falls, and are 40 rods below the preceding; the fourth is nearly 70 rods below the High Falls, and is called Sherman's. All these are formed by solid reefs of rocks which cross the bed of the stream.

"The water at the Upper Fall descends 18 or 20 feet perpendicularly. Below, there is a capacious basin, out of which the stream issues in a diminished bed into the ravine, the entrance of which is between lofty barriers of rocks. This fall, when viewed from the

bridge, or from the high ground west of the creek, has a fine appearance.

“At the Cascades, consisting of 3 pitches, with intervening rapids, the water falls 18 feet. The bed of the stream is here contracted, and the sides serrated, the banks of the ravine rising with abruptness almost directly in the rear.

“The Mill-dam Fall, which is the second within the ravine, has an abrupt descent of 14 feet, the stream being about 60 yards broad at the break.

“The High Falls are 40 rods below the latter, and consist of 3 distinct falls, with intervening slopes and some small pitches. The first has a perpendicular descent of 48 feet; in floods and rises the water covers the whole break and descends in one sheet; but at other times, mostly in two grooves at the west side of the fall. The second has a descent of about 11 feet; the third 37 feet; and the three, including the slopes and pitches, 109 feet. In freshets and floods, the entire bed at the High Falls is covered with water of a milk white color; and the spray, which at such times ascends in pillars towards the sky, when acted upon by the rays of the sun, exhibits the rainbow in all its brilliant colors.

“The fourth fall is Sherman’s, and is distant nearly 70 rods from the High Falls. The descent is 33 feet when the stream is low, and 37 when high. In droughts, the water pitches down at the west side.

“The last fall is at Conrad’s mills, at the very foot of the ravine, and is 6 feet.

“Besides the falls, there are several raceways or chutes, from 10 to 20 rods long, through which the

waters pass with great rapidity. The whole depression of the stream from the top of the Upper Fall above the high bridge to the foot of Conrad's is 312 feet; and if we add the descent above the Upper Fall, which is computed to be 60 feet, and that below Conrad's fall in half a mile, which is estimated at 15 feet, we shall find that the entire depression in less than 5 miles, is 387 feet.

"The falls, raceways and rapids, and, in truth, the whole bed within the ravine, exhibit very different appearances at different times. These are occasioned by the elevations and depressions of the stream. In floods, the whole is one tremendous rapid, with four cataracts and several chutes.

"The best time to visit these falls is when the stream is low, because then there is no inconvenience or difficulty in ascending the ravine from the foot of Sherman's stairway to the head of the upper raceway. Few persons who visit them have resolution to ascend the ravine from the stairway to the basin at the upper fall. This, however, is not to be wondered at, because the lofty rocky barriers which constitute the sides of the ravine advance to the water's edge in many places, and terminate in frightful projections, which cannot be passed without the most imminent danger. Some of these difficulties, however, have been obviated by blasting away portions of the rocks and putting up chains; and persons now go up to the upper raceway without hazard.

"The ravine, with some few exceptions, is still bordered by woods, and persons desirous of visiting the falls are obliged to go to what is called Sherman's

house, from whence they proceed through the woods by some rude paths. One of these leads to the stairway, which descends to the bottom of the ravine, and another leads up to the High Falls. The former is usually preferred. On reaching the strand at the foot of the stairway, you proceed up the stream at first upon the strand, and then by a narrow winding foot path to Sherman's fall. From thence you advance to the High Falls, a part of the way being overhung by large jutting rocks which menace you with destruction. From the head of the High Falls to the upper end of the raceway above the Cascades, the way is easy when the stream is low, but from thence upwardly it is difficult and dangerous.

“While you are passing along the narrow and sinuous paths leading by the projections, and by the brinks of headlong precipices, you tremble with reverential awe when you consider that one false step might precipitate you into the resistless torrent below, and in an instant consign you to a watery grave. You see what a feeble creature man is, and are forcibly impressed with ideas of the wisdom and power of that mighty Being who commanded the earth to emerge from the deep and the waters to flow.

“Along the bottom and lower parts of the ravine, numerous organic remains are found enveloped in the rocks which are easily divisible. The remains lie flat in or between the laminæ, their contours and component parts usually being little distorted from their original shape and dimensions. Sometimes there is defect, occasioned in the transition from the animal to the stony or fossil state; but, in most instances, all the

parts are so completely defined, that not only the order, but the genera and species may be recognized. These remains are easily separated from the layers in which they are enclosed. Their exteriors are commonly glossy, often very smooth, and ordinarily of a dark color, being transformed into stone, and constituting integral parts of the rocks which envelope them. From a careful examination of certain of these remains, and their positions, we are led to believe that their prototypes lived and died on the spot, and that the rocks in which they are entombed are of posterior formation."

Accommodations for visitants are furnished at Sherman's, who keeps the only house at the falls for that purpose. Ladies who resort thither, should be furnished with calf skin shoes or bootees. They not only owe it to their health to be thus provided, but the best pair of cloth shoes will be ruined by a single excursion over these rocks.

Returning to Utica, the traveller, in pursuing a journey to the west by stage, first reaches the pleasant village of

NEW-HARTFORD, 4 miles from Utica, containing about 120 dwellings and stores, three churches, besides a number of mills and manufactories, located on the Sadaquada creek. The land between Utica and New-Hartford is level and of an excellent quality, and resembles, with its neat and regular enclosures, an extensive and highly cultivated garden. There are in the vicinity many country residences, constructed and improved with much taste and elegance.

One mile from New-Hartford, at Clute's tavern, a tolerably good view of Hamilton College, 3 or 4 miles

distant at the S. W. is obtained ; but on ascending a more elevated position one mile farther, the prospect of the college and several adjoining buildings, is very distinct and beautiful.

MANCHESTER is 5 miles from New-Hartford ; and the country between the two villages exhibits some of the most highly cultivated and delightful farms in the state.

VERNON, 8 miles from Manchester, is a flourishing town of some magnitude. It contains two churches, a number of mills and a glass factory.

ONEIDA CASTLE, 5 miles from Vernon, is situated on the Oneida creek, within the Oneida Reservation. Here is a considerable settlement, possessed by the Oneida and Tuscarora Indians. They still retain the customs and dress peculiar to their tribes. In the summer they are employed principally in cultivation ; in the fall it is their practice to repair in numbers to the hunting grounds in the north part of the state, from whence they return with their booty in the latter part of winter. This tribe entered the service of the state, as volunteers, during the last war.

The first object which generally attracts the notice of the traveller in passing their huts, is the appearance of several half naked children, swarming forth in quest of the daily contributions which are made them by tourists. It is astonishing to witness their speed, and the ease with which they frequently continue parallel with the stage for half a mile, until satisfied that no more donations are to be obtained. It would doubtless be better for these children that this system of beggary should not be tolerated ; but the novelty of

the spectacle induces many individuals to countenance it, who would, upon sound principle, consider it objectionable.

The lands in this reservation are but indifferently cultivated, and assume a miserable aspect in comparison with the rich and highly improved farms on either side. In passing over an elevated tract, however, this disparagement is in a measure lost in the extensive prospect which is afforded at the north. A chain of lofty mountains is seen skirting the horizon as far as the eye can extend ; between which and the tract in question, are seen immense and apparently impenetrable forests. The prospect is sublime ; and will amply repay the traveller in stopping a short time to enjoy this rich and extensive scenery.

LENOX, a small village, is 3 miles from Oneida Castle. One mile farther, the flourishing and newly erected village of CANESTOTA is seen about half a mile north of the turnpike on an extensive plain below, with the Erie canal passing through it.

QUALITY HILL, a neat little village on a pleasant eminence, is 3 miles from Lenox ; and five miles farther is the village of

CHITTENINGO, situated on a creek of that name, and from which a feeder 1 1-2 mile long, is constructed to the canal. The village is bounded by very lofty hills, and cannot be considered a happy location, except for manufacturing purposes. An extensive seminary called the "Polytechny," has been established here by Doctor Yates, formerly a professor at Union College. Under the direction of one so distinguished for benevolence and classical attainments, it has obtained much

celebrity, and may be justly ranked among the best institutions of the kind in the state. Gypsum is here found in great quantities ; also numerous petrifications, specimens of which are in most of the mineralogical cabinets in the Union. These petrifications are near the village at the foot of a hill, and consist of the trunk of a tree and scattered fragments, the woody structure of which, in most cases, is remarkably perfect, and bearing a strong resemblance to the original. Various springs of water issue from the sides of the hill, which exhibits numerous incrustations (calcareous tufa) along its slope and in the vale below. To the properties of these waters may be attributed the formation of these incrustations and petrifications.

At Chitteningo, the road diverges, forming two prominent routes to Auburn ; one passing through the villages of MANLIUS, ONONDAGA HOLLOW, ONONDAGA HILL, MARCELLUS and SKANEATELES, and the other passing through the village of SYRACUSE, noticed in the canal route. The first mentioned route, though over a less even country, is the one generally preferred by travellers, as affording a more rich and diversified scenery of highly cultivated farms and flourishing villages. Four miles from Chitteningo, on the road to Manlius, is an eminence from which a beautiful prospect is obtained of a part of Oneida Lake and a wide extent of hilly country beyond, Onondaga Lake, and the village of Onondaga Hill, 15 miles distant. Four miles farther is the flourishing village of

MANLIUS, situated on the east side of Limestone creek, containing about 100 houses, 4 churches, 2 cotton factories, mills, &c. It is in contemplation to make a

lateral cut of 2 miles which shall connect this creek with the western canal. There are in the vicinity 2 considerable falls, the principal of which is 100 feet in height.

JAMESVILLE is 6 miles from Manlius. *Green Pond*, in this vicinity, is worthy of notice. The water is 200 feet deep, and of a deep green color, emitting a strong smell of sulphur. The surface of the pond is between 100 and 200 feet below the level of its shores, which are precipitous and rocky. Four miles farther is the village of

ONONDAGA HOLLOW, extending 1 mile across a deep but beautiful valley, through which the Onondaga creek passes. The village contains an academy, church, &c.; but its business has declined since the opening of the canal, and the springing up of the village of Syracuse, which is 4 miles distant. Three miles south of Onondaga Hollow is a considerable settlement of Onondaga Indians, where once was held the grand councils of the Six Nations.

ONONDAGA HILL, 2 miles farther, is pleasantly situated on very high ground, with a commanding view of the country to the north and east for a considerable distance, embracing within the prospect the Onondaga Lake and the villages of Syracuse, Salina and Liverpool.

MARCELLUS, 8 miles from Onondaga Hill, is a neat village of 60 or 70 houses, situated in the valley of the Otisco creek. Two miles north are falls of some 60 or 70 feet affording facilities for a variety of manufactories; near which, waterlime or cement is found in inexhaustible quantities. There is also lying on the bank of the

creek at this place a petrified tree of large dimensions, partly covered with limestone.

SKANEATELES, 6 miles from Marcellus, is situated at the foot of the Skaneateles Lake, and is a beautiful thriving village, containing about 1000 inhabitants, 2 churches and a flourishing academy, a variety of manufactories, mills and many elegant private dwellings. It enjoys a commanding view of the lake for 6 or 8 miles above and of the surrounding country, which rises in a gentle activity from the water 100 feet or more in the course of a mile, presenting a range of neat white farm houses on the summit, and a slope of highly cultivated country towards the lake on each side. The lake, which is 16 miles long and from half a mile to two miles in width, abounds with fine trout and other fish. The water is deep and remarkably pure, with a gravelly bottom and bold shores. The prospect from the lake is highly interesting, particularly towards its head, where the country rises abruptly several hundred feet, presenting a miniature picture of mountain scenery. Under these bluffs on the east side and on a level with the water are found large quantities of petrifications, the cornu ammonite, imbedded in a stratum of slate. Three miles north of the village the Skaneateles creek falls over a bed of rocks about 70 feet in a short distance; but, in low water, the whole is lost or sinks among the rocks and only a part of it again appears at a distance of half a mile below, presenting the novel spectacle of a river much larger at its fountain than at its mouth. Seven miles from Skaneateles stands the flourishing village of

AUBURN. It is situated on the Owasco creek, two miles below its outlet from the lake of the same name, 24 miles from Onondaga, and 170 from Albany. This village owes much of its importance to the numerous mills and manufactories for which its location is extremely eligible. It contains about 450 houses and 4000 inhabitants. Amongst other public buildings there are a court house and gaol, and a prison erected for convicts at the expense of the state. There has also been established a theological seminary, which is patronized exclusively by the Presbyterian denomination, and is at present the only one of the kind in the state. Many circumstances combine to render this place an agreeable residence to the man of taste or business. The village is handsomely built, and increases annually in population and business. It is situated 7 miles from WEED'S PORT, on the canal, to which place stages run daily, for the accommodation of passengers wishing to take packet boats for the west or east—fare 50 cents. A lateral canal or rail road from Auburn to Weed's Port is in contemplation, and will probably, ere long, go into effect.

The principal public houses are the Western Exchange and Bank Coffee House.

The STATE PRISON, at Auburn, is considered one of the best in the Union. It was commenced in 1816, and is constructed upon the plan of a hollow square, enclosed by a wall 2000 feet in extent, being 500 feet on each side. The front of the prison, including the keeper's dwelling, is about 300 feet, and the two wings extending west, are 240 feet each. The north wing contains the solitary cells and hospital, and the south

wing is divided principally into two large rooms. Between the two wings is a grass plat with gravel walks; to the west of which is the interior yard, covered with gravel, containing reservoirs of water, and surrounded with workshops. These shops, besides the paint shop, form a continued range of 900 feet; and are well lighted by windows in the sides and from the roof. They are built of brick, and are well secured against fire. The outer walls, against which the shops are built, are 35 feet high on the inside, and the other walls about 20. They are four feet thick, and the walls of the prison 3 feet. The expense of the whole, without including the labor of convicts employed, was above \$300,000. The prison being erected on the bank of the Owasco, water power is applied in many cases, to great advantage, in propelling machinery.

The most interesting period for witnessing the prisoners is early in the morning, from the time they are brought forth to labor till after breakfast. The spectator will then have an opportunity of seeing some of the prominent features of the order, regularity and system with which every thing is conducted. He will admire the precision with which the rules are executed, without the least confusion, noise, or even command. "The convicts silently marching to and from their rest, meals and labor, at precise times, moving in separate corps, in single file, with a slow lock step, erect posture, keeping exact time, with their faces inclined towards their keepers, (that they may detect conversation, of which none is ever permitted,) all give to the spectator somewhat similar feelings to those excited by a military funeral; and to the convicts, im-

pressions not entirely dissimilar to those of culprits when marching to the gallows. The same silence, solemnity and order, in a good degree, pervades every business and department."

In addition to divine service in the chapel of the prison every Sabbath, a Sunday school has been established, superintended by the students of the theological seminary, which has been attended with very beneficial effects.

So admirable has been the discipline of this prison that a large proportion of the convicts discharged have become honest, industrious men, and none are known to have become corrupted or made worse. In 1829, the number confined was about 570, and their earnings considerably exceeded the expenses of the prison.

CAYUGA, 8 miles west of Auburn, is a small village ; but affords a beautiful prospect of the Cayuga Lake, and the bridge extending across, which is 1 mile and 8 rods long, and situate within 2 miles of the outlet. This lake is 38 miles in length, and is generally from 1 to 2 miles in breadth. The water is shallow, but of sufficient depth for a good sized steam-boat, which plies daily between the bridge and Ithica, a beautiful and thriving village, at the head of the lake, 36 miles distant.

The SENECA FALLS, 3 miles west of Cayuga, afford important manufacturing facilities. A canal, 20 miles long, has been constructed from this place to the Erie canal at Montezuma ; which, connected with a branch of the Seneca river, gives an uninterrupted water communication from Geneva to the lakes and the ocean. Four miles farther, is the handsome village of

WATERLOO, a half shire town in Seneca county. It contains nearly 200 houses, a court-house, jail, and 2 printing offices. The village is principally situate on the northern bank of the Seneca outlet; which here propels several mills. The commencement of this village was in 1816; and its growth, which has been rapid, is far from complete. Constant additions of buildings and mills are making; and it will doubtless, ere long, be ranked among the important villages of the west. The principal public house at this place is the Western Hotel. From Waterloo to

GENEVA, 7 miles distant, the route is delightful, embracing (a part of the way) a charming ride around the north end of the Seneca Lake, which is here about 2 miles wide. The village is one of the most elegant in the state; and, with its beautiful scenery, cannot fail of calling forth the admiration of every visitant. It is situate on the western margin of the lake, the bank of which being lofty, affords an enchanting view of one of the purest sheets of water in America. There are already in this place about 450 buildings, many of which are very handsome; and the number is constantly increasing. Among the public buildings are a college, an academy, 4 churches and a bank. The college is located on an eminence south of the village, on the margin of the lake; and though in its infancy, is handsomely patronized. It is in the vicinity of several country seats, enjoying an unusual richness of prospect, with an almost constant breeze from the lake; which is about 35 miles long, and from 3 to 4 miles wide. It abounds with salmon trout and other fish, and is never closed with ice. A steam-boat runs daily

from Geneva to Jeffersonville, at the head of the lake, leaving the former place at 7 A. M., and returning at evening.* The Genesee turnpike leads through Gene-

* A passage on the lake is peculiarly delightful and interesting. Leaving Geneva with its neat stores, and elegant dwellings, its luxuriant hanging gardens, and the glittering spires of its churches and college, the eye takes in a southern water view not surpassed in any part of this world of inland seas. The first village of any note on the eastern shore is Ovid, 18 miles from Geneva. The lofty eminence on which it stands, and the rich and highly cultivated farms in its vicinity, render it a most conspicuous and interesting object. Directly opposite to Ovid is Dresden, one of the most thriving villages in Yates county. It is situated on the outlet of Crooked Lake, and extends nearly a mile back of the shore. Immediately south of Dresden, is the farm of the late celebrated Jemima Wilkinson, an enthusiast, who pretended that she was the Saviour of mankind. Until her death, which took place some years since, she had several followers; and this farm, which is very beautiful, has passed by will into the hands of one of them. Four miles south of Dresden is Long Point, remarkable for a tree at its extremity, which, by a little aid from the imagination puts on the semblance of an elephant. Six miles south of Long Point is Rapelyca's ferry, near which is still standing the frame which Jemima constructed to try the faith of her followers. Having approached within a few hundred yards of the lake shore, she alighted from an elegant carriage, and the road being strewn by her followers with white handkerchiefs, she walked to the platform, and having announced her intention of walking across the lake on the water, she stepped ankle deep into the clear element, when suddenly pausing, she addressed the multitude, inquiring whether or not they had faith that she could pass over, for if otherwise, she

va, and the Erie canal passes about 12 miles to the north of it; with which there is a water communication, by means of the outlet of the Seneca lake and a lateral canal. This communication has already proved of great importance to the place, and has rendered its trade but little inferior to the most favored villages of the west. The principal public houses in the place are St. John's and Hemingway's; both of which are highly creditable to the proprietors.

CANANDAIGUA is 15 miles from Geneva. This village is situated near the outlet of the lake from which it takes its name, on a gentle ascent commanding a fine view of the lake at the distance of half a mile. The principal street extends 2 miles in length, and is

could not; and on receiving an affirmative answer, returned to her carriage, declaring that as they believed in her power, it was unnecessary to display it. Six miles and a half south of Rapelyea's ferry, is Starkie's Point, where the shore is so bold that the steam-boat passes within 10 feet of the extremity of the Point. Four miles further on the west shore is the Big Stream Point, at which there is a mill seat with a fall of 136 feet. The land puts on a wilder aspect as the tourist approaches the head of the lake, and the eminences are more beetling and precipitous. The eastern shore also partakes more of the mountainous character, though cultivated far up the summit lands, and is here and there marked by ravines, through one of which "Hector Falls" tumble from a height of one hundred and fifty feet, and carry several valuable mills. These falls are distant three miles from the village of Jeffersonville, at the head of the lake, which has recently sprung into existence, and which will soon become an important inland town.

handsomely decorated with trees, through which appear the delicately painted dwellings, ornamented with Venitian blinds. In an open square, in the centre of the village, is the court house and clerk's office of the county. The Episcopal church, situate on the main street, is one of the most elegantly constructed buildings in the state. In the vicinity are a number of delightful villas, surrounded with smiling gardens and orchards of various kinds of fruit, which, with the view of the lake stretching far to the south, beautifully set off the scene of enchantment. In richness and variety of natural scenery, and the taste and elegance of its edifices, few villages can compare with Canandaigua. In point of trade and wealth, too, it is not exceeded by many villages in the state. A steam mill is here in operation, which annually furnishes a very large supply of flour. On the lake, which is 14 miles long, and from one to two in breadth, a steam-boat performs a daily trip, which is rendered unusually interesting from the varied scenery which is presented. The village is situated 208 miles from Albany; from Utica, 111; from Buffalo, 89; from Niagara Falls, 109. Principal houses, Blossom's Hotel (one of the best in the western district) and Pitt's Eagle Tavern.

BURNING SPRINGS. From 8 to 10 miles, in a south-westerly direction from Canandaigua, are found several springs, charged with inflammable gas. The following description of them is taken from a Canandaigua journal:

"These springs are found in Bristol, Middlesex, and Canandaigua.

The former are situated in a ravine on the west side of Bristol Hollow, about half a mile from the North Presbyterian meeting house. The ravine is formed in clay slate, and a small brook runs through it. The gas rises through fissures of the slate, from both the margin and the bed of the brook. Where it rises through the water, it is formed into bubbles, and flashes only when the flame is applied ; but where it rises directly from the rock, it burns with a steady and beautiful flame, which continues until extinguished by storms, or by design.

The springs in Middlesex are situated from one to two miles southwesterly from the village of Rushville, along a tract nearly a mile in length, partly at the bottom of the valley called Federal Hollow, and partly at an elevation of 40 or 50 feet on the south side of it.

The latter have been discovered within a few years, in a field which had been long cleared, and are very numerous. Their places are known by little hillocks of a few feet in diameter, and a few inches high, formed of a dark bituminous mould, which seems principally to have been deposited by the gas, and through which it finds its way to the surface, in one or more currents. These currents of gas may be set on fire, and will burn with a steady flame. In winter they form openings through the snow, and being set on fire, exhibit the novel and interesting phenomenon of a steady and lively flame in contact with nothing but snow. In very cold weather, it is said, tubes of ice are formed round these currents of gas, (probably from the freezing of the water contained in it,) which sometimes rise to the height of two or three feet, the gas issuing from their tops ;

the whole when lighted in a still evening presenting an appearance even more beautiful than the former.

Experiments made with the gas seem to prove, that it consists principally of a mixture of the light and heavy carburetted hydrogen gases, the former having greatly the preponderance; and that it contains a small proportion of carbonic acid gas. It seems also to hold a little oily or bituminous matter in solution. It burns with a lambent, yellowish flame, scarcely inclining to red, with small scintillations of a bright red at its base. It has the odour of pit coal. It produces no smoke, but deposits, while burning, a small quantity of bituminous lampblack. It is remarkable that the hillocks, through which the gas rises, are totally destitute of vegetation. Whether the gas is directly deleterious to vegetable life, or indirectly, by interrupting the contact of the air of the atmosphere, it is certain that no plant can sustain life within the circle of its influence.

It is well known that this gas is found abundantly in coal mines; and being accidentally set on fire, (mixed as it is in those mines with the air of the atmosphere,) has many times caused terrible and destructive explosions. The writer cannot learn that it has ever been known to be generated in the earth, except in the presence of coal; and hence the inference is strong that it proceeds from coal."

From Canandaigua stages may be taken for Rochester, (see "Canal Route,") distant 27 miles in a north-westerly direction, and the route continued from thence to the Falls by stage or canal; but if a visit to Montreal, by the way of Lake Ontario, is not contemplated, it is generally deemed a better course to proceed directly

to Buffalo and the Falls, and return by the way of Rochester. In pursuing the usual route from Canandaigua to Buffalo,

EAST BLOOMFIELD is reached in travelling 9 miles, and WEST BLOOMFIELD in going 5 miles farther. They are considered among the richest agricultural townships in the state ; presenting a succession of beautiful and highly cultivated farms. The fruit raised on these lands, particularly apples and peaches, is not excelled in any section of the country.

LIMA is 4 miles from West Bloomfield, and is a continuation of the same rich and fertile soil, divided into highly improved and productive farms.

EAST AVON is 5, and AVON POST OFFICE 7 miles from Lima. The Genesee river passes through the town of Avon, and is navigable for boats to the Erie canal at Rochester, 20 miles distant, with which it is connected by a feeder. The alluvial flats are very extensive and fertile ; and the uplands are well watered by small streams and springs. A remarkable bulbous root grows on the Genesee flats in this town. It is from 3 to 4 feet in length, from 6 to 8 inches in diameter, and assumes the external appearance of a log in the earth. A small creeping vine, like that of the strawberry, proceeds from the root ; and its natural vegetable productions are almost infinitely various.

The AVON SPRING is becoming a place of considerable resort for invalids. Its waters, which are strongly impregnated with sulphur and alum, are found beneficial in various diseases. The tourist will generally find himself amply compensated by spending a day at this place.

CALEDONIA, 8 miles from Avon Post Office, is more particularly celebrated as the location of a large *Spring*, than for any thing else. The stage usually stops at the village long enough to enable passengers to visit this natural curiosity, which is situate a few rods north of the principal street. Within a small area, sufficient water rises to propel a mill, (of which there are several on the stream below,) at all seasons of the year. The water is puro and appears to rise from a rocky bottom. A stage runs daily from this place to Rochester, which is 20 miles distant. A part of the route lies on the bank of the Genesee river, and, most of the way, through an uncultivated country. Settlements and improvements, however, are rapidly increasing; and the wilderness will ere long give place to the arts of husbandry.

Pursuing the direct route from Caledonia to Buffalo, the next place of importance is the pleasant and thriving village of

LEROY, which is 6 miles west of Caledonia, an 17 miles south of the Erie Canal. Allen's creek, which passes through the village, affords important mill privileges, and contributes much to the value and business of the place. The number of buildings already erected is between 2 and 300, principally located on one street; among which are several very handsome private dwellings. Numerous petrifications have been found in the bed of the creek, about 200 yards north of the village bridge; among which are petrified turtles, weighing from 10 to 300 pounds. They are composed principally of dark coloured bituminous limestone, which is easily split, and often discovers crystalline

veins, together with yellow clay or ochre. The mineralogist will find much here to gratify his taste and reward his researches. The delightful appearance of the village, also, with its charming location on an eminence, will often induce the traveller to make it a temporary resting place from the fatigues of a journey.

BATAVIA is 10 miles from Le Roy. It is the capital of Genesee county; and assumes more the appearance of one of the early settled villages in New-England, than the more flourishing villages of the west. It is situated on the north side of the Tonewanta creek, on an extensive plain, and has several handsome and even elegant private mansions. Besides the court house and jail, it contains a bank, the Holland Company land office, and a few other public buildings.

This village has become somewhat celebrated as the theatre of events connected with the masonic fraternity. It was the residence of the noted *William Morgan*, previous to his abduction; and from one of its printing offices was first issued what has been denominated the secrets of masonry. The excitement produced for a time in the village, and for many miles around, was of a nature the most rancorous and intolerant, and unworthy the character of an enlightened people. Illiberal feelings, however, have, in a measure, given place to reason; and there is a prevailing disposition to establish peace and good order.

After leaving Batavia for Buffalo, the country soon assumes a less populous appearance; and the travelling is rendered unpleasant from the extensive causeways which intervene, consisting of logs placed transversely in the road. This has been done to avoid the

deep mud on the low grounds, which are subject to frequent inundations in the spring and fall. The state of these roads has induced many to prefer the ridge road or alluvial way from Rochester to Lewiston, (which is noticed in a subsequent part of this volume.) But, in visiting *Buffalo* as well as the Falls, the latter route is more circuitous, and can be taken with greater convenience in returning.

The intervening places between Batavia and Buffalo, are Pembroke, 14 miles—Clarence 8—Williamsville 8—from which to Buffalo is 10 miles. [For a description of the latter place, see "Canal Route."]

ERIE CANAL.

This magnificent structure was commenced under the patronage of the state, on the 4th of July, 1817, and was completed in 1825, uniting the waters of the Erie and Hudson, at an expense of less than seven millions of dollars, a sum trivial in comparison with the immense advantage derived to the state from such communication. The canal, beginning at Albany on the Hudson, passes up the west bank of that river nearly to the mouth of the Mohawk; thence along the bank of the Mohawk, to Schenectady, crossing the river twice by 2 aqueducts. From Schenectady it follows the south bank of the Mohawk until it reaches Rome. In some places it encroaches so near as to require embankments made up from the river to support it. An embankment of this description at Amsterdam village, is 5 or 6 miles in extent. What is called the long level, being a distance of 69 1-2 miles without an intervening lock, commences in the town of Frankfort, about S

miles east of Utica, and terminates 3-4 of a mile east from Syracuse; from thence the route proceeds 35 miles to Montezuma, situated on the east border of the Cayuga marshes, 3 miles in extent, over which to the great embankment, 72 feet in height and near 2 miles in length, is a distance of 52 miles; thence 8 1-2 miles to the commencement of the Genesee level, extending westward to Lockport, nearly parallel with the ridge road, 65 miles. Seven miles from thence to Pendleton village the canal enters Tonnewanta creek, which it follows 12 miles, and thence following the east side of the Niagara river, communicates with Lake Erie at Buffalo. The whole line of the canal from Albany to Buffalo is 363 miles in length. It is 40 feet wide at the top and 28 feet wide at the bottom. The water flows at the depth of 4 feet in a moderate descent of half an inch in a mile. The tow path is elevated about 4 feet from the surface of the water, and is 10 feet wide. The whole length of the canal includes 83 locks and 18 aqueducts of various extent. The locks are constructed in the most durable manner of stone laid in water lime, and are 90 feet in length, and 15 feet in width. The whole rise and fall of lockage is 688 feet; and the height of Lake Erie above the Hudson 568 feet. The principal aqueducts are, one crossing the Genesee river at Rochester, 804 feet in length; one crossing the Mohawk at Little Falls, supported by 3 arches, the centre of 70 feet, and those on each side of 50 feet chord; and two crossing the Mohawk river near Alexander's bridge, one of which is 748 feet and the other 1188 feet in length. The whole workmanship evinces a degree of beauty and proportion consistent with the greatest

strength. In many places the sides of the canal are either paved with small stone or covered with thick grass, designed to prevent the crumbling of the soil by the motion of the water. To the main canal are a number of side cuts or lateral canals: one opposite Troy, connecting with the Hudson; one at Syracuse, a mile and a half in length, to Salina; one from Syracuse, to Oswego, 38 miles in length; one at Orville; one at Chitteningo; one at Montezuma, extending to the Cayuga lake, 5 miles, and from thence to the Seneca lake at Geneva, a distance of 15 miles; and one at Rochester of two miles in length, which serves the double purpose of a navigable feeder, and a mean of communication for boats between the canal and the Genesee river. It is highly probable that these lateral cuts will increase in ratio with the enterprize of the numerous adjacent villages scattered along the line of the main canal. From these and various other improvements which public enterprize has already suggested, the state of New-York is destined to reap a full harvest of prosperity. If her national glory has already dawned with so much lustre, what will be its meridian splendor—when her magnificent improvements, uniting with her own the navigable waters of her sister states, shall serve as so many ligaments to bind the confederacy in the indissoluble bonds of friendship and interest. The debt contracted for the Champlain and Erie canals, amounted on the 1st of January, 1826, to \$9,108,269, including \$1,621,274, expended in the construction of feeders, lateral canals, dams, &c. and in the payment of salaries of the commissioners and other officers engaged in the work. The revenue from the tolls of both

canals, in 1822, amounted to \$64,071; in 1823, to \$151,099; in 1824, to \$289,320; in 1825, to \$500,000; in 1826, to \$675,190; in 1827, to \$859,058; and in 1828, to \$883,000. On the 1st of Jan. 1830, the canal debt, including the expenses of constructing the Oswego and Cayuga and Seneca canals, and exclusive of the extinguishments which had been made, amounted to \$7,706,013; and the tolls received for the preceding year, to the sum of \$816,302,76—the Oswego and Seneca canals not having furnished a revenue equal to the interest of their cost and the expense of their repairs. To the payment of the interest and principal of the canal debt, is appropriated not only the tolls, but also the duties on salt and auctions, with other sources of income, which amounted, in 1829, to \$376,77—making the total receipts of that year, including tolls, \$1,193,979.

CANAL PASSAGE.

Of the sources of gratification to the tourist, during the canal passage, that of novelty is perhaps the greatest. To the man of pleasure, it will be considered, perhaps, too little diversified with incident to be repeated; but to the man of business this objection will probably yield to the united considerations of the convenience and safety of this mode of conveyance. The passage boats are generally constructed 80 feet in length and 14 feet in width, and draw from 1 to 2 feet of water. The cabin occupies the whole length of the deck, excepting about 8 or 10 feet reserved at one end for the cook, and 4 or 6 feet at the other end for the pilot. The intermediate space is occupied as a cabin, constructed from the deck into a room 8 feet in height,

with single births on each side, and calculated to accommodate 30 persons. The boats are drawn by three horses, one before the other, and move day and night, at the rate of 4 miles an hour. Relays are furnished every 8 or 10 miles. Boats with commodities proceed at the rate of 55 miles in 24 hours; and boats with passengers (including delays) about 85 miles in the same time.

CANAL ROUTE.

The several places and distances, as they occur on the canal route from Albany to Buffalo are as follows :

	DISTANCE FROM				
	place to place.	Albany.	Utica.	Rochester.	Buffalo.
Albany, ...	0	0	110	270	363
Troy, ...	7	7	103	263	356
Junction, ...	2	9	101	261	354
Schenectady, ...	21	30	80	240	333
Amsterdam, ...	16	46	64	224	317
Schoharie Creek, ...	7	53	57	217	310
Caughnawaga, ...	4	57	53	213	306
Spraker's Basin, ...	9	66	44	204	297
Canajoharie, ...	3	69	41	201	294
Bowman's Creek, ...	3	72	38	198	291
Little Falls, ...	16	88	22	182	275
Herkimer, ...	7	95	15	175	268
Frankfort, ...	5	100	10	170	263
Utica, ...	10	110	0	160	253
Whitesboro', ...	4	114	4	156	249
Oriskany, ...	3	117	7	153	246
Rome, ...	8	125	15	145	238
Smith's, ...	7	132	22	138	231
Loomis', ...	6	138	28	132	225
Oneida Creek, ...	3	141	31	129	222

DISTANCE FROM

	place to place.	Albany.	Utica.	Rochester.	Buffalo.
Canistota, ...	5	146	36	124	217
New Boston, ...	4	150	40	120	213
Chitteningo, ...	4	154	44	116	209
Manlius, ...	8	162	52	108	201
Orville, ...	3	165	55	105	198
Syracuse, ...	6	171	61	99	192
Geddes, ...	2	173	63	97	190
Nine-Mile Creek, ...	6	179	69	91	184
Canton, ...	6	185	75	85	178
Jordan, ...	6	191	81	79	172
Weed's Basin, ...	6	197	87	73	166
Port Bryon, ...	3	200	90	70	163
Montezuma, (Lakeport,) ..	6	206	96	64	157
Clyde, ...	11	217	107	53	146
Lyons, ...	9	226	116	44	137
Newark, ...	7	233	123	37	130
Palmyra, ...	8	241	131	29	122
Fullom's Basin, ...	13	254	144	16	109
Pittsford, ...	6	260	150	10	103
Rochester, ...	10	270	160	0	93
Ogden, ...	12	282	172	12	81
Adams' Basin, ...	3	285	175	15	78
Brockport, ...	5	290	180	20	73
Holley, ...	5	295	185	25	68
Newport, ...	10	305	195	35	58
Portville, ...	4	309	199	39	54
Oak Orchard, ...	5	314	204	44	49
Middleport, ...	7	321	211	53	42
Lockport, ...	12	333	223	63	30
Pendleton, ...	7	340	230	70	23
Tonawanda, ...	12	352	242	82	11
Black Rock, ...	8	360	250	90	3
Buffalo, ...	3	363	253	93	0

SCHENECTADY,

Is 15 miles from Albany, and 22 from Saratoga Springs; and can be reached twice a day by stage from either of those places.* The city is situated on the Mohawk, a broad and beautiful river, which forms its northern boundary. It was burnt by the Indians in 1690, and suffered a considerable conflagration in 1819, since which event the antique appearance of the city has been much improved by the introduction of modern architecture. The principal Hotel is kept by Mr. Davis, (formerly Given's,) in the south-east part of the city and within a few rods of the Erie canal. The building is constructed of brick, 50 feet front, and with its wing, 2 stories high, exclusive of the basement story, extends back 150 feet. The main building is 3 stories in height, besides an attic story, containing an apartment for a billiard room. From this elevated spot a view may be had of the city and its environs, of the Mohawk and of the canal for some distance, and of the rich and variegated landscape which spreads on the south and west of the city. The Hotel can accommodate 130 guests. It is furnished throughout in a very superior style, and guests receive every attention and accommodation that can contribute to their convenience and amusement. UNION COLLEGE is built on an eminence, which overlooks the city and the Mohawk for a number of miles. The college consists at present of two brick edifices, but the plan includes a

* Owing to the numerous locks between Albany and Schenectady, no packet boats run between the two cities.

chapel and other buildings hereafter to be erected, in the rear, and between those already constructed. At this institution about 200 students are educated annually. The expense per annum is \$130. In numbers and respectability Union College may be ranked among the most favored seminaries in our country. A handsome bridge has been constructed across the Mohawk, at the west end of this city. The bridge is 997 feet in length, and is passed by the stage on its route to Utica.

Daily post coaches, connected with the western line of stages, leave Schenectady every morning and arrive at Utica the same day. By the present arrangement, boats leave Schenectady every morning and evening, reaching Utica in 24 hours, and Buffalo in 4 days. An evening boat is considered preferable, as it passes Little Falls, the most interesting part of the canal between Schenectady and Utica, by day-light; and gives an opportunity of remaining one night in Utica, from whence a canal boat or stage may be taken the next morning. The price of conveyance in the packet boats is 3 cents per mile, meals extra.

AMSTERDAM, 16 miles west of Schenectady, is situated on the Mohawk turnpike, near the river. It has a post office, a church, and about 50 dwellings and stores. A bridge crosses the Mohawk at this place. The canal with its embankments made up from the river for 5 or 6 miles in extent, is opposite the village, on the south side of the Mohawk.

SCHOHARIE CREEK, 7 miles. The ruins of Fort Hunter, at the mouth of this creek, are still visible. It was an important post during the early wars of this country.

A chapel built by Queen Anne for the Indians, is also to be seen near this place, called *Queen Anne's Chapel*. The canal crosses the creek, by means of a dam and guard lock.

CAUGHNAWAGA, 4 miles. (*See p. 201.*)

ANTHONY'S NOSE, 8 miles. This is a very abrupt and prominent hill on the south side of the canal, having on its top a cavern, which extends to a great depth.

CANAJOHARIE, 5 miles. (*See p. 201.*)

FORT PLAIN, 4 miles. (*See p. 201.*)

EAST CANADA CREEK, 4 miles. This creek enters the Mohawk on the north side; near which, Capt. Butler was killed by the Indians soon after his wanton destruction of the village of Cherry Valley.

MOHAWK CASTLE, 2 miles. The ruins of an old chapel erected for the use of the Mohawk Indians are still visible at this place, and also some slight remains of their once formidable fortifications.

Three miles farther, as the boat approaches Little Falls, the scenery becomes highly picturesque and sublime. On either side are lofty and apparently inaccessible mountains, affording a narrow pass for the road, river and canal. Indeed, the latter, for a considerable distance, is formed by an excavation in the side of the mountain, having a wall of 20 or 30 feet to support its northern embankment. The river here, for two or three miles in extent, descends with much rapidity over a rocky and uneven bottom, and exhibits, in some instances, an appearance not unlike the rapids above the falls of the Niagara.

LITTLE FALLS, 5 miles from Mohawk Castle. (See p. 202.)

After leaving Little Falls, the canal enters a smooth and delightful level, including what are called the German Flats, passing near the village of HERKIMER, 7 miles from the Falls, (see p. 205;) from thence to FRANKFORT, 5 miles; and from thence to UTICA, 10 miles.

(For a description of Utica and Trenton Falls, see page 206 to 215.)

WHITESBOROUGH, 4 miles north-west of Utica, is a beautiful and wealthy village, located on a rich and fertile plain. The principal and most elegant street is a short distance from, and runs parallel with the canal; from which, through branches of trees half enshrouding the village, may be seen several elegant country seats. It may be considered, indeed as better adapted for a country residence, than a place of business. At the eastern extremity of the village is shown the first framed house erected in the county of Oneida; half a mile from which, the canal passes over the Sauquoit creek. Within 11 miles of the canal, on this creek, there are 84 mills of various descriptions, including several factories, some of which cost rising of \$120,000. The York mills, or cotton factories, half a mile south of the canal, are considered among the best in the state, and constitute of themselves, with the houses for laborers, a compact village.

ORISKANY, 3 miles from Whitesborough, is a flourishing village of 70 or 80 houses. It is situated on the Oriskany creek, which here enters the canal as a feeder.

ROME, 8 miles. This is a half shire town of the county of Oneida, contains a court-house and jail, and is pleasantly situated on the north side of the old canal, connecting Wood creek with the Mohawk, and about half a mile north of the Erie canal. It contains between 100 and 150 houses, principally located on one street, running east and west. The ruins of *Fort Stanwix*, near the village, between Wood creek and the Mohawk, are still visible. This fort was erected in 1758 by the British, was suffered to decay, and was afterwards rebuilt by the Americans during the revolution. 15 or 1800 men, including Indians, were sent from Montreal by Burgoyne, in 1777, to besiege the Fort. They were commanded by the Baron St. Leger. Gen. Herkimer, commandant of the militia of Tryon county, (embracing the present counties of Montgomery and Herkimer,) was sent against them with about 800 men. On meeting a detachment of Leger's forces, the militia mostly fled on the first fire. A few, however, remained and fought by the side of Gen. H. who was mortally wounded in the road between Whitestown and Rome. The Americans lost 160 killed and 240 wounded. The fort, which was commanded by Col. Gansevoort, was afterwards assaulted by Leger's army; but they were driven off by a sortie, directed by Col. Willet, and their camp plundered. Subsequently, the fort was summoned to surrender; but through a stratagem of Gen. Arnold, who sent two emissaries from the camp at Stillwater, an Indian and a white man, to inform Leger of the approach of a powerful American army for the relief of the besieged, he ordered a precipitate retreat to the Oneida lake, leaving all his baggage behind.

An arsenal belonging to the U. S. is situate about half a mile west of the village and 300 yards north of the canal.

16 miles from Rome the canal crosses the ONEIDA CREEK ; and 5 miles farther it passes through the new and pleasant village of CANISTOTA, half a mile north of the western turnpike. NEW BOSTON is 4 miles farther ; from which to

CHITTENINGO is 4 miles. A navigable feeder enters the canal at this place. It is taken from the Chitteningo creek at the village of that name, a mile and a half distant. (*See p. 217.*) From Chitteningo to Manlius (*see p. 218*) is 8 miles ; from thence to Orville 3 ;* and from thence 6 miles to

SYRACUSE. The appearance of this village as you approach it, is very handsome. It is built on both sides of the canal, and the stores and warehouses are substantial and lofty. On the left as you come up the canal, is one of the most splendid Hotels in the state. It is of brick four or five stories high, and surrounded with piazzas. There are also nearly 400 dwellings and stores, and every thing has the appearance of a commercial bustling town. This thriving village owes its importance principally to the immense quantity of salt produced in its neighborhood, the whole adjacent country being impregnated with it, and springs from which immense quantities are manufactured rising in vari-

*At this place are inexhaustible beds of water lime, used for hydraulic cement ; large quantities of which are annually exported.

ous directions. A little west of Syracuse, a plain of 300 acres is nearly covered with vats for the manufacture of salt by solar evaporation. The water is brought in logs from the great spring at Salina, one mile distant, and supplies, with very little attention, the various ranges of vats. A light roof is constructed to each vat, which can be shoved off or on at pleasure, to permit the rays of the sun to act upon the water, or to prevent the dampness of the atmosphere from commingling therewith. The salt is taken out of these vats twice or three times during the warm season, and removed to store houses; from whence it is conveyed in barrels to the canal for transportation.

SALINA is one and a half mile north of Syracuse, and though not on the usually travelled route to the west, should be visited for the purpose of examining the principal spring, and the various salt establishments connected therewith. A packet constantly plies between the villages on a lateral canal, affording an easy and pleasant mode of conveyance.

The spring at Salina was first discovered by the Indians many years since, by being the resort of deer and other animals. The first white settlers were in the habit of boiling the water in small vessels for domestic purposes. Since then, the spring has been excavated to a very considerable depth, and affords the strongest saline water yet discovered in the world, 40 gallons yielding about a bushel of pure salt. The water is forced up to the top of an adjoining hill by a powerful hydraulian driven by the surplus waters from the Oswego canal, which commences at this place. The salt wa-

ter is in this way conveyed 85 feet above the canal to a large reservoir, into which it is discharged at the rate of 300 gallons per minute. It is hence carried to the different factories in Salina and Syracuse. Of these there are about 100 at Salina and 23 at Syracuse; there are also 26 at Liverpool, about 6 miles north-west of Salina, and 25 at Geddesburgh, 2 miles west of Syracuse. The works and springs all belong to the state, to which imposts are payable to the amount of 63 cents per barrel of 5 bushels,* and every manufacturer pays two cents per bushel for the use of the water. The water is conveyed from the reservoir to the different manufactories and evaporating fields, by means of wooden pipes. The salt is manufactured generally by boiling and evaporation. There are, however, two establishments in which it is made in large wooden vats by means of hot air passing through them in large metallic pipes. The manufactories contain from 15 to 40 potash kettles, under each of which a constant fire is kept up, so that the water may not cease to boil. The first deposit of the water is thrown away. The pure salt soon after makes its appearance, and is refined for the table by means of blood, milk, rosin, &c. The springs are considered as inexhaustible. In 1828, there were 1,160,888 bushels inspected; and in 1829, 1,291,820 bushels; showing an increase of 130,932 bushels. Of this, 745,741 bushels were inspected at Salina, 229,317 at Syracuse, 187,540 at Liverpool, and 129,222 at Geddes.

* These duties are applied by the constitution of the state towards the extinguishment of the canal debt.

Salina is a flourishing village; but of less magnitude than Syracuse; though from the rapidly increasing growth of both, it is not improbable that they will ere long become a continuous town. A fine view of the Onondaga Lake, about a mile distant, is had from the place. It is six miles long and two broad. At its north western extremity is seen the pleasant village of Liverpool, of recent origin, but promising to become a place of some importance. Gypsum and petrifications are found in great quantities in the vicinity of the lake.

The OSWEGO CANAL, from the Onondaga lake to Lake Ontario at Oswego, is 38 miles long, including 20 miles of the Oswego river, on which are several locks and dams. The whole lockage of the canal and river is 123 feet.

GEDDES, 2 miles by canal, from Syracuse, is becoming a place of some importance, in consequence of the recent discovery of several valuable salt springs. They are mostly within a few rods of the canal, as well as numerous establishments for the manufacture of salt. A short distance west of the village, a fine prospect is had of the Onondaga lake and the villages of Liverpool and Salina, on its northern and eastern shores.

NINE MILE CREEK, 6 miles from Geddes. It is a stream of some magnitude, and is crossed by the canal, over two arches.

CANTON, a small village, 6 miles.

JORDAN, 6 miles. A short distance east of the village, the canal crosses the Jordan creek.

WEED'S BASIN, 6 miles. A thriving village of 50 or 60 houses. A stage can be taken here daily for Auburn, 7 miles south. (See p. 221.)

PORT BYRON, 3 miles. The canal here crosses the Owasco creek, a stream issuing from a lake of that name 2 miles south of Auburn. The state prison is erected on the bank of this creek, the waters of which are used for propelling the machinery.

Five miles farther are the Montezuma salt works, about 1-4 of a mile north of the canal, with a lateral cut leading thereto; one mile from which is the small village of

MONTEZUMA. The western section of the canal (contradistinguished from the middle and eastern sections) commences at this place. From Utica to Montezuma the mean descent of the canal is 45 feet; and there are 9 locks, ascending and descending. From Montezuma to Lockport the ascent is 185 feet, and the number of intervening locks 21. The waters of the canal at Montezuma are remarkably pure and chrystalline in their appearance, not unfrequently exhibiting large quantities of fish at their bottom.

One mile from Montezuma, the canal enters the Montezuma marshes, 3 miles in extent. These marshes are formed by the outlets of the Cayuga and Seneca lakes, and exhibit a most dreary, desolate and stagnant appearance. The water is generally from 4 to 8 feet deep, and the bottom covered with long grass, the usual growth of swamps, extending frequently to the surface. A long bridge is used for a tow path over a part of these marshes. Shortly after leaving them, the canal crosses and unites with the outlet of the Canandaigua lake, a sluggish stream, which, with the outlets of Cayuga and Seneca, soon form the Seneca river, which enters lake Ontario at Oswego.

CLYDE, 11 miles from Montezuma, is a flourishing village, containing glass works. From thence to LYONS, a handsome village, is 9 miles ; and from thence to NEWARK 7 miles.

PALMYRA, 8 miles from Newark, is a thriving village in Wayne county. It is built chiefly on a wide street along the south bank of the canal, and is a place of considerable trade. Mud creek runs eastward, about 40 rods north of the main street, and the canal passes between the creek and the street. There are several factories and mills on this creek. Palmyra and Port Gibson are landing places for goods designed for Canandaigua.

FULLOM'S BASIN, 13 miles. From this place to Rochester, by canal, is 16 miles ; while the distance by land is but 7 1-2. Travellers, accordingly, who have seen the *Great Embankment* over the Irondequoit creek, frequently take a stage, to shorten the excursion ; but those who have never passed over this artificial work, should continue on the canal route. The embankment is reached in about 4 miles from Fullom's Basin, and is continued for nearly two miles at an average height of about 70 feet. The novelty of a passage at so great an elevation, is much increased in the fine prospect afforded of the surrounding country. Two miles from the embankment, is the handsome village of

PITTSFORD, containing 80 or 90 houses and several stores ; and 10 miles farther, is the flourishing and important village of

ROCHESTER.

It is situated on the east and west side of the Genesee river, which, at this place, is 50 yards wide, and is crossed by 2 substantial bridges within the limits of the village. On the north side of the lower bridge, the local distinctions of East and West Rochester have been in a measure annihilated, by the erection of the Market and Exchange buildings over the Genesee, making the twain a continued village. Within its limits are two of the six falls on the river: the upper a small fall of 12 feet at the foot of the rapids, and immediately above the canal aqueduct; and the other the great fall of 97 feet, about 80 rods below. From a point of rock about the centre of these falls, at the foot of a small island, the celebrated *Sam Patch* made his last and fatal jump, in the autumn of 1829. From a scaffold elevated 25 feet above the table rock, making the entire height 125 feet, he fearlessly and carelessly precipitated himself into the abyss beneath. He did not rise at that time to the surface; nor was his body found until the following spring, when it was discovered at the mouth of the Genesee river, 6 miles below. His arms were probably dislocated at the first shock, as he carried them horizontally; and the depth of water being only fifteen and a half feet, it is supposed that he was killed by striking on the rocky bottom. He was a little less than three seconds in falling, and struck the surface with a force of about 8000 lbs.

From a complete wilderness, Rochester has been redeemed in the comparatively short period of 18 years, the first settlement having been made in 1812. Its situation in the immediate vicinity of the canal, and only

7 miles from Lake Ontario, with a ship navigation within two miles of the town, enables its inhabitants to select a market either at New-York, Quebec, or on the borders of the great western lakes; and the many other natural advantages which it enjoys for trade and manufactures, destines it to become one of the most important places in the interior of the state. The population of Rochester at the census taken in the fall of 1827, was 10,818, making an increase of more than 3,000 within the preceding year; and the number of buildings was 1474, 352 of which had been built the season previous. Its population in 1829 was estimated at 13,000, and its number of buildings at near 2000. The Erie canal strikes the river in the south part of the village, and after following the eastern bank for half a mile, crosses the river in the centre of the village, in a splendid aqueduct, which cost rising of \$80,000. This aqueduct is constructed of red free stone, and from the eastern extremity of its parapet walls to the western termination, is 804 feet long. It is built on eleven arches; one of 26, one of 30, and nine of 50 feet chord, under which water passes for flouring mills and other hydraulic establishments. The piers, which are placed on solid rock, in the bed of the river, are 4 1-2, and the arches resting thereon 11 feet high. On the north wall, which is of sufficient thickness for the towing path, is an iron railing; and at the west end, the whole is terminated by a highway and towing path bridge, of the most solid and elegant workmanship. The canal is supplied by a navigable feeder from the Genesee, through which boats may enter and ascend the river from 70 to 90 miles. The height of the canal at Roch-

ester above the tide waters of the Hudson is 501 feet ; above Lake Ontario, 270 feet ; and below Lake Erie, 64 feet.

Among the public buildings in the village, are a court house, jail, 11 churches, 2 markets, 2 banks and a museum, together with two valuable institutions, the Franklin Institute and Atheneum. The Globe buildings, a majestic pile, built of the most durable materials, and rising from the water's edge, are 5 stories, exclusive of attics, with between 130 and 140 apartments suitable for workshops, (having a sufficient water power for each,) and several stores. The principal public houses are the Rochester House, Clinton House, Eagle Tavern, Mansion House and Arcade House. There are also two daily and several weekly newspapers.

Within the limits of the village are 11 flouring mills, containing 53 run of stones, capable of manufacturing 2500 bushels of flour and consuming more than 12,000 bushels of wheat every 24 hours. Some of the mills are on a scale of magnitude perhaps not equalled in the world. One of them contains more than four acres of flooring, and all are considered unrivalled in the perfection of their machinery. The immense water power at this place opens a wonderful field for labor saving machinery, among which are many ingenious operations, well worthy the inspection of the curious in those matters.

The ARCADE, erected the past year, (1829,) is 100 feet in front, 135 feet in depth, and 4 stories high, exclusive of the attic and basement. It has 6 stores in front, with a large opening for a passage to the *Arcade*, where the post office, atheneum, arcade house, and a

variety of offices are located. From the centre arises an observatory in the form of a Chinese Pagoda, which overlooks the surrounding country ; and in clear weather the lake can be seen like a strip of blue cloud in the horizon. The front of this edifice is stuccoed, in imitation of marble, except the first story, which is of the Oswego red free stone.

The geological structure of this region can be easily traced, and is beautifully illustrated in the banks of the river, which are from 100 to 200 feet in height, with a descent of 270 feet to the lake. At Carthage, two miles below, are a great variety of petrefactions, which have been blasted from the rocks in forming a canal for mill privileges. Seven miles from Rochester, a part of the way on the ridge road, on the east side of the river, is Irondequoit bay, with a high sand ridge running across it, except about two rods, where there is a channel ; the shore is fine and sandy, and equals any in America for bathing. The bay is also celebrated for fishing and fowling.

STAGES leave Rochester daily, by way of Palmyra, Weed's Basin, Syracuse, Cherry Valley and Schoharie for *Albany*, 217 miles ; and by way of Canandaigua, Geneva, Auburn, Skaneateles, Onondaga, Utica, Little Falls and Schenectady, for *Albany*, 237 miles. They also leave daily, by way of Lewiston (passing over the ridge road) and Niagara Falls, for *Buffalo*, 104 miles ;*

* The ridge road commences 2 1-2 miles from Rochester, over which the following are the intervening distances between that place and Buffalo: Carthage Falls 2 miles, Parma 3, Clarkson 7, Murray 7, Ridgeway 15, Hartland 10, Cambria 12, Lewiston 12, Niagara Falls 7, Buffalo 22.

and by way of Caledonia, Le Roy and Batavia, for *Buffalo*, 77 miles.

PACKET BOATS, also, leave Rochester every morning for Buffalo and for Albany.

THE STEAM BOAT, *Ontario*, constantly plies during the summer season between Lewiston on the Niagara, and Ogdensburgh on the St. Lawrence river, touching at Hanford's Landing, 3 miles from Rochester, by which passages may be had to the Falls or Montreal once a week. [*This route is noticed more fully under the head of Lake Ontario.*]

Before leaving Rochester, (unless the ridge road or steam boat route should be taken,) the traveller will find it an object of interest to visit

CARTHAGE, 2 miles down the Genesee river. This village derived its consequence from an elegant bridge, which, during its existence, formed the most eligible route to the western part of the state. The bridge was erected across the river just below the basin of the falls, which are 70 feet. It consisted of a single arch, whose chord measured 300 feet. The distance from the centre to the river was 250 feet. This stupendous fabric stood a short time after its construction, and at length fell under the pressure of its own weight. One of the buttments is still standing; and from its situation, visitants may judge of the former position of the bridge, and the almost impious presumption of man in attempting to overcome height, space, gravity, and the resistless fury of the elements. Sloops from the lake, 5 miles distant, ascend up the river to these falls; where they are laden and unladen by means

of an inclined plane—the descending weight being made to raise a lighter one by its superior gravity.

The great western level on the canal commences two miles east of Rochester ; from whence to Lockport, a distance of 65 miles, there is no lock. Between the two villages, the route is mostly through a wilderness. Occasionally a new village is seen springing up on the banks of the canal ; and appearances indicate, that the forests on the whole line will ere long give place to cultivation and compact settlements.

OGDEN, a small village, is 12 miles from Rochester ; and from thence to

BROCKPORT is 8 miles. The village contains 80 or 100 houses ; and the number is rapidly increasing.

HOLLEY, 5 miles. A short distance east of the village is the *Holley Embankment* and culvert, over Sandy creek, elevating the canal 87 feet above the level of the creek.

NEWPORT, 10 miles : a flourishing village of 80 or 100 houses. Eight miles farther, in the town of Ridgway, a public road passes *under* the canal, through a handsome arch ; one mile from which, is the village of

OAK ORCHARD, on the bank of a creek of that name. The canal here crosses the creek over the largest arch on the whole route. There are circular steps leading to the bottom ; from whence is a foot path passing underneath and leading to the village. As the boat “waits for no man,” passengers desirous of seeing this artificial work, should go ashore before reaching it, and gain time by a rapid walk. They can be received on board

again at the village, where the boat stops to land and receive passengers.

MIDDLEPORT is 7 miles farther; from whence to

LOCKPORT is 12 miles. By far the most gigantic works on the whole line of the canal, are at this place. After travelling between 60 and 70 miles on a perfect level, the traveller here strikes the foot of the "Mountain Ridge," which is surmounted by 5 magnificent locks of 12 feet each, connected with 5 more of equal dimensions for descending—so that while one boat is raised to an elevation of 60 feet, another is seen sinking into the broad basin below. The locks are of the finest imaginable workmanship, with stone steps in the centre and on either side, guarded with iron railings, for the convenience and safety of passengers. Added to this stupendous work, an excavation is continued through the mountain ridge, composed of rock, a distance of three miles, at an average depth of 20 feet. When viewing this part of the canal, we are amazed with the consideration of what may be accomplished by human means.

The village of Lockport is mostly located on the mountain ridge, immediately above the locks; and though "founded on a rock," surrounded with rocks, and with little or no soil, it has already become a place of importance. In 1821, there were but 2 houses in the place; now there are between 3 and 400. The canal here being on the highest summit level, and supplied with water from lake Erie, (distant 30 miles,) an abundance is obtained for hydraulic purposes, and the surplus at Lockport has been sold for \$20,000.

In the excavation through the mountain, several minerals were discovered; among which were some of the finest specimens of dog tooth spar ever found in the U. States. At first they were easily obtained; but they have lately become an object of profit, and are sold at prices corresponding with their beauty.

Seven miles from Lockport,* at Pendleton, the canal enters the Tonnewanta creek, and continues therein 12 miles to its mouth, where is a dam 4 1-2 feet high. From thence it is continued on the bank of the Niagara 8 miles to Black Rock, where it unites with the harbor, and from thence on the bank of the river 3 miles, to Buffalo.

BUFFALO

Is situated at the outlet of Lake Erie. It is a beautiful and thriving village, and with the advantages of both a natural and artificial navigation, it is destined to become one of the most important places in the state. Its present population is estimated at upwards of 7000, and the number of buildings at 1000. The Erie canal commences in this village, near the outlet of the Buffalo creek, and passes through an extensive and perfectly level plot, equidistant from the shore of the lake and the high grounds called the *Terrace*. From the canal are cut, at very suitable distances, *lateral canals* and *basins*, rendering the whole of the *lower town*

* Passengers in packets, who wish to visit the Falls, generally take a stage at Lockport, and proceed directly to Manchester (the American Fall) 23 miles distant, or to Lewiston, 7 miles below the Falls; visiting the latter afterwards.

contiguous to water communication. Stores and warehouses are so constructed, as to receive the boats along side. In its location, Buffalo is in the midst of the enterprize and business of this new world. All the manufactures and migrating population of the north and east here find a resting place, and the agricultural products of the *west*, coming hither from the long extended lakes, here seek a new avenue to the Atlantic. The *lower town* will soon be spread over that part below the Terrace, where begins a gentle and equal rise of ground, continuing nearly and perhaps quite two miles, and then falls away to a perfect level as far as the eye can reach, bounded only by the horizon. Upon this elevated ground there is a charming view of the lake, Niagara river, the canal with all its branches, the Buffalo creek, the town itself, and the Canada shore; a prospect from which every one parts with reluctance. The streets are very broad, and passing from the high grounds over the Terrace to the water, are intersected with cross streets. There are 3 public squares of some extent, which add much to the beauty of the town. The public buildings are a court-house, situated on the highest part of Main-street, well proportioned and handsomely ornamented. The Presbyterian meeting house, standing near the Episcopal church upon a semi-circular common on Main-street, is an edifice of very commanding appearance. There are many spacious hotels, for the accommodation of the traveller; among which, the *Eagle Tavern*, kept by Mr. *Rathbun*, is considered one of the best in the union.

The village was burnt by the British in 1814, when there was but one house left standing. This is still pointed out in the upper part of the town. It was not

until considerable time had elapsed after this, that Buffalo began to be rebuilt, nor until the canal was located, did it rise with much promise.

Great improvements have recently been made in the harbor. The sand from the lake met the current of the Buffalo creek, and formed every season a bar which prejudiced the harbor to an alarming degree. By an erection of a pier, 18 feet wide and 80 rods long, running into the lake, this evil is overcome. The *lower town* is subject to another evil of some magnitude. Gales or tempests from the southwest cause an inundation of the lake, by means of which great losses of property are frequently sustained. This may, and probably will be prevented, by constructing a *dike* at a suitable place near the bank of the lake.

As this place was the theatre of important events during the last war, the writer had expected to find in the village church yard some monuments to the memory of the brave who fell during that period. But he discovered only one; it contained the following inscription: "To the memory of Maj. WM. HOWE CUYLER, who was killed at Black Rock by a shot from the enemy, on the night of the 9th October, 1812, while humanely administering to the relief of the wounded soldiers, who intrepidly crossed to the British shore, and brought over the Adams frigate, that had been surrendered by Gen. Hull, and the Caledonia ship belonging to the enemy. He was in the 35th year of his age, and son of the late Henry Cuyler, Esq. of Greenbush, in this state."

The *Seneca Village*, settled by a tribe of about 300 Indians, is from 3 to 4 miles south east of Buffalo, and is

usually visited by strangers. The tribe own a valuable tract of land, bordering on the Buffalo creek; which, under the management of the whites, would yield luxuriantly; but, in the hands of its present proprietors, is but partially improved. *Red Jacket*, a celebrated chief of this nation, died in 1829, at an advanced age.

Stages leave Buffalo every morning and evening for Utica—the morning line going through by day-light in 3 days—the evening, day and night, in two days. A line also runs daily to Rochester.

THE WESTERN LAKES.

Before proceeding down the Niagara river to the Falls, it may be interesting to tourists to examine a brief description of the great chain of lakes whose waters flow through this channel. It will give a more adequate idea of the vast amount of waters which are united in this stupendous river.

LAKE SUPERIOR, the first and westernmost of these inland seas, lies between 46° and 49° of north latitude, and between 84° and 93° west longitude from London. Its length is 459, and its average width 109 miles. About 40 small and 3 large rivers enter into this lake, on one of which, just before its entrance, are perpendicular falls of more than 600 feet. The water of the lake is remarkably transparent, so much so, that a canoe over the depth of six fathoms seems rather suspended in air than resting on the water. The outlet of the lake is called the river St. Marie, which is 90 miles long, its waters flowing into

LAKE HURON. This lake is on the boundary between the U. States and Canada, 218 miles long from east to

west, and 180 broad. Besides the waters of Lake Superior, it receives the waters of

LAKE MICHIGAN, which is 300 miles long and about 50 miles wide. At its northwest corner a large inlet opens, called Green Bay, about 100 miles long, and from 15 to 20 broad, into which Fox river empties. Three miles from the mouth of this river is Green Bay village, a very considerable settlement, and a U. States military post, called Fort Howard. The fort is built of stone, and is on a beautiful rising ground. Steam-boats from Buffalo visit this place occasionally during the summer—distance 807 miles. Besides the Fox, the St. Joseph and Grand, two very important rivers, and innumerable smaller streams, discharge their waters into Lake Michigan.

Near the mouth of the straits which unite the Michigan with the Huron lake, and within the latter, is the island of Michilimackinac, commonly called Mackinaw, distinguished as a military post during the French war, and occupied as such by the government of the U. S. at the present time. The island is about 9 miles in circumference; and the village of Mackinaw, which is on its south east side, is surrounded with a steep cliff 150 feet high. On the top of this cliff stands a fort; half a mile from which, on another summit, 300 feet above the level of the lake, is Fort Holmes, commanding an extensive prospect of both lakes. Mackinaw is 180 miles NE. of Fort Howard, 313 N. of Detroit, and 627 NW. of Buffalo.

The waters of these lakes thus congregated, enter the St. Clair river, 40 miles long, to the St. Clair Lake, which is about 90 miles in circumference. From this

lake they enter the Detroit river, on which the city of Detroit* stands, 9 miles below the lake, and communicate with Lake Erie, 19 miles from Detroit.

LAKE ERIE is on the boundary line between the U. S. and Upper Canada. It is 290 miles long from SW. to NE., and in the widest part, 63 broad. Besides the waters of the upper lakes, it receives the Cayahoga river and several tributary streams.

Such are the sources of the NIAGARA ; a river inferior in splendor to none, perhaps, in the world.

FROM BUFFALO TO NIAGARA FALLS, *on the American side.*

A stage leaves Buffalo every morning at 6 o'clock, passing through the village of Black Rock 3 miles, Tonnewanta 9 miles, (where the canal enters the Tonnewanta creek,) Niagara Falls 11 miles. Fare \$1. This line, after giving passengers an opportunity of witnessing the Falls for 2 or 3 hours, proceeds to Youngstown, or Fort Niagara, passing through Lewiston.

On the Canada side.

A stage leaves Buffalo, daily, at 8 A. M. passes through Black Rock 3 miles, crosses the ferry to Waterloo 1 mile, and proceeds to Chippewa battle ground 15 miles, Chippewa village 1 mile, Niagara Falls 2 miles. Fare, including ferriage, \$1,12. Stages leave Niagara at 3 P. M. for Queenston and Fort George.

* Steam boats leave Buffalo every other day for Detroit, stopping at Erie, 90 miles—Grand River, 60—Cleaveland, 30—Sandusky, 55—Detroit, 71—total 305 miles. Fare, in the cabin, \$15. Boats also leave Buffalo daily for Erie, Penn. touching at Dunkirk and Portland.

STEAM BOAT LINE.

The steam-boat Chippewa leaves Buffalo every morning at 8 o'clock, passing every other day around Grand Island, and reaches the village of Chippewa about noon ; from whence passengers take stages for the Falls. The boat returns to Buffalo at 7 P.M. Fare each way \$1.

BLACK ROCK, 3 miles from Buffalo, is a village of considerable magnitude on the west bank of the Niagara river. It was burnt by the British in 1814 ; but has been rebuilt, and is much increased from its former size. Among its most prominent buildings is the private mansion of Gen. Peter B. Porter, late secretary of war, which has a very handsome appearance from the water. A pier in the river, about 2 miles long, affords a harbor to the village, and is used as a part of the grand canal. The dam, however, has been found insufficient to withstand the force of the current. Repeated injuries are sustained, and vessels now seldom enter the harbor. The Niagara river is here one mile wide, and is crossed in a horse boat. Opposite Black Rock, on the Canada side, is the small village of

WATERLOO ; a little south of which stand the ruins of FORT ERIE, rendered memorable as the theatre of several severe engagements during the last war. The last and most decisive battle fought at this place, was on the night of the 15th of August, 1814. The fort was occupied by the Americans ; and its possession was considered an object of importance to the British. Taking advantage of the darkness of the night, they made repeated and furious assaults, and were as often

repulsed ; until, at length, they succeeded, by superior force, in gaining a bastion. After maintaining it for a short time, at the expense of many lives, accident placed it again in the hands of the Americans. Several cartridges which had been placed in a stone building adjoining exploded, producing tremendous slaughter and death among the British. They soon retreated, leaving on the field 221 killed, among whom were Cols. Scott and Drummond, 174 wounded, and 186 prisoners. The American loss was 17 killed, 56 wounded, and 11 missing.

This action was followed by a splendid sortie near the fort on the 17th of the following month, which resulted in a loss to the British of nearly 1000, including 385 prisoners, and to the Americans of 511 killed, wounded and missing.

From Waterloo to CHIPPEWA BATTLE GROUND is 15 miles, over a tolerably good, though sandy road.

The *Battle of Chippewa* was fought on the 5th of July, 1814, and has been described as one of the most brilliant spectacles that could well be conceived. "The day (says a writer) was clear and bright ; and the plain such as might have been selected for a parade or a tournament ; the troops on both sides, though not numerous, admirably diciplined ; the generals leading on their columns in person ; the glitter of the arms in the sun, and the precision and distinctness of every movement, were all calculated to carry the mind back to the scenes of ancient story or poetry—to the plains of Latium or of Troy, and all those recollections which fill the imagination with images of personal heroism and romantic valor.

After some skirmishing, the British Indians were discovered in the rear of the American camp. Gen. Porter, with his volunteers and Indians, were directed to scour in the adjoining forest. This force had nearly debouched from the woods opposite Chippewa, when it was ascertained that the whole British force, under Gen. Riall, had crossed the Chippewa bridge. Gen. Brown gave immediate orders to Gen. Scott to advance with his brigade, and to Gen. Ripley to be in readiness to support. In a few minutes the British line was discovered formed and rapidly advancing, their right on the woods, and their left on the river. Their object was to gain the bridge across a small creek in front of the American encampment, which, if done would have compelled the Americans to retire. This bridge, however, was soon gained by Gen. Scott and crossed, under a tremendous fire of the British artillery, and his line formed. The British orders were to give one volley at a distance, and immediately charge. But such was the warmth of our musquetry that they could not withstand it, and were obliged to retreat before the appearance of Ripley's brigade, which had been directed to make a movement through the woods upon the enemy's right flank. The British recrossed the Chippewa bridge, which they broke down on their retreat, having suffered a loss in killed, wounded and missing, of 514. The American loss was 323.

CHIPPEWA VILLAGE is one mile north of the battle ground. It contains a small cluster of buildings and a few mills situate on the Chippewa creek, which runs through the village. The steam-boat from Buffalo lands passengers at this place. One mile farther is

BRIDGEWATER or LUNDY'S LANE, celebrated as the ground on which an important battle was fought, 20 days after the battle at Chippewa. The scene of action was near the mighty cataract of Niagara, and within the sound of its thunders, and was, in proportion to the numbers engaged, the most sanguinary, and decidedly the best fought of any action which ever took place on the American continent. The following letter, written by a surgeon of one of the regiments, the day after the engagement, contains many interesting particulars :

“In the afternoon the enemy advanced towards Chippewa with a powerful force. At 6 o'clock Gen. Scott was ordered to advance with his brigade and attack them. He was soon reinforced by General Ripley's brigade; they met the enemy below the falls. They had selected their ground for the night, intending to attack our camp before day-light. The action began just before 7, and an uninterrupted stream of musketry continued till half past 8, when there was some cessation, the British falling back. It soon began again with some artillery, which, with slight interruptions, continued till half past 10, when there was a charge, and a tremendous stream of fire closed the conflict. Both armies fought with a desperation bordering on madness; neither would yield the palm, but each retired a short distance, wearied out with fatigue. Such a constant and destructive fire was never before sustained by American troops without falling back.

“The enemy had collected their whole force in the peninsula, and were reinforced by troops from Lord Wellington's army, just landed from Kingston. For two hours the two hostile lines were within 20 yards of

each other, and so frequently intermingled, that often an officer would order an enemy's platoon. The moon shone bright ; but part of our men being dressed like the Glengarian regiment caused the deception. They frequently charged, and were as often driven back. Our regiment, under Colonel Miller, was ordered to storm the British battery. We charged, and took every piece of the enemy's cannon. We kept possession of the ground and cannon until 12 o'clock at night, when we all fell back more than 2 miles. This was done to secure our camp, which might otherwise have been attacked in the rear. Our horses being most of them killed, and there being no ropes to the pieces, we got off but two or three. The men were so excessively fatigued they could not drag them. We lost one howitzer, the horses being on full gallop towards the enemy to attack them, the riders were shot off and the horses ran through the enemy's line. We lost one piece of cannon, which was too much advanced, every man being shot that had charge of it, but two. Several of our caissons were blown up by their rockets, which did some injury, and deprived our cannon of ammunition. The lines were so near that cannon could not be used with advantage."

The British loss in killed, wounded and prisoners was 878 ; and the American loss 860.

The road to the falls passes directly over the hill where the British artillery were posted at the time Scott's brigade commenced the action ; and the houses in the village of Bridgewater—the trees and fences in the vicinity, still retain marks of the combat. Many graves are seen upon the hill ; among others, that of

Capt. Hull, son of the late Gen. Hull, who distinguished himself and fell in this action. Most of the slain were collected and burned upon the battle ground; on which spot it is in contemplation to erect a church.

BURNING SPRING.

About half a mile north of Lundy's Lane, and within a few feet of the rapids in the Niagara river, is a Burning Spring. The water is warm and surcharged with sulphuretted hydrogen gas. The water rises in a barrel, which is covered, and the gas escapes through a tube. On applying a candle to the tube, the gas takes fire, and burns with a brilliant flame until blown out; and on closing the building for a short time in which the spring is contained, and afterwards entering it with a lighted candle, an explosion may be produced. A small fee for the exhibition is required by the keeper of the spring.

Half a mile from the Burning Spring are the celebrated

NIAGARA FALLS.

They are situated on the Niagara River, which unites the waters of Lake Erie and the upper lakes with Lake Ontario and the St. Lawrence. The river is 35 miles in length, and from 1-2 mile to 5 or 6 in width. The banks of the river vary in their height above the Falls, from 4 to 100 feet. Immediately below the Falls the precipice is not less than 300 feet, and from thence to lake Ontario gradually diminishes to the height of 25 or 30 feet. The Niagara river contains a number of islands, the principal of which is Grand Island, which was ceded to the state of New-York by the Seneca Na-

tion of Indians, in 1815. For the grant the state paid \$1000 down, and secured an annuity of \$500. This island is 12 miles long, and from 2 to 7 broad.

The Falls are situated below Grand Island, about 20 miles distant from Lake Erie, and 14 from Lake Ontario. At Chippewa creek, 2 miles above the Falls, the width of the river is nearly 2 miles, and its current extremely rapid. From thence to the Falls it gradually narrows to about 1 mile in width. The descent of the rapids has been estimated at 53 feet. The course of the river above the Falls is north-westwardly, and below it turns abruptly to the north-east, and flows about a mile and a half, when it assumes a northern direction to Lake Ontario. The cataract pours over a summit in the form of a crescent, extending some distance up the stream. The sheet of water is separated by Goat Island, leaving the grand fall on the Canada side, about 600 yards wide, and the high fall on the American side, about 300. The fall on the American side drops almost perpendicularly to the distance of 164 feet. The grand or horse-shoe fall, on the Canada side, descends to the river below in the form of a curve, 158 feet, projecting about 50 feet from the base. The whole height, including the descent of the rapids above, is 216 feet.

On the Canada side,

The view from the table rock, has been generally considered preferable; but this point must be decided by the different tastes of visitors. The table rock projects about 50 feet, and between it and the Falls an irregular arch is formed, which extends under the pitch, almost without interruption, to the island. The de-

scent from the table rock is by means of a spiral stair-way, which is enclosed. Visitants desirous of passing in the rear of the great sheet of water, are supplied by the keeper of the stairs with dresses for that purpose, and with a guide. On reaching the bottom, a rough path winds along the foot of the precipice and leads under the excavated bank, which, in one place, overhangs about 40 feet. The entrance into the tremendous cavern behind the falling sheet should never be attempted by persons of weak nerves. The humidity of the atmosphere, which, at times, almost prevents respiration; the deafening roar of the foaming torrent, and the sombre appearance of surrounding objects, is oftentimes calculated to unnerve the stoutest frame. The farthest distance that can be approached, is to what is called *Termination Rock*, 153 feet from the commencement of the volume of water at Table Rock. Few, however, have the courage to proceed that distance; and seldom go farther than 100 feet.

A large crack in the table rock, which has increased annually for some years, renders it very certain that a considerable proportion will ere long fall into the abyss below. The part thus cracked is nearly 50 feet in width, and might be blasted off without difficulty. The height of this rock has been ascertained to be 163 feet; while that of the Falls, measuring from the bridge near the terrapin rocks, has proved to be 158 feet 4 inches.

The Pavilion, kept by Mr. Forsyth, on the Canada side, is on a lofty eminence above the Falls; affording from its piazzas and roof a beautiful prospect of the surrounding scenery. It is a handsomely constructed

building, and can accommodate from 100 to 150 guests. Row boats are continually crossing the river about a quarter of a mile below the falls. The rapidity of the current, the numerous eddies, and the agitated appearance of the water, are calculated to impress a stranger with an idea, that a passage is hazardous. But we believe few, if any accidents have ever happened. The boatmen are skilful, and the crossing is generally effected in about 15 minutes.

The Falls on the American side,

Though less gigantic, are nevertheless beautiful; and would *alone* be considered one of the greatest natural curiosities in the world. A flight of stairs has been constructed from the bank a few rods below the fall to the bottom. In consequence of a rocky barrier in front of the falling sheet, it can be approached to within a few feet; though not without encountering a plentiful shower of the spray. About a quarter of a mile above the fall, a bridge has been constructed from the shore to Bath Island; which is connected by means of another bridge with Goat Island. The sensation in crossing these bridges, and particularly the first,* over the tremendous rapids beneath, is calculat-

* Gen. Peter B. Porter, of Black Rock, to whom the public are indebted for the construction of this bridge, informed me that its erection was not effected without considerable danger. Two large trees, hewed to correspond with their shape, were first constructed into a temporary bridge, the butts fastened to the shore, with the lightest ends projecting over the rapids. At the extremity of the projection, a small butment of stone

ed to alarm the traveller for his safety, and hasten him in his excursion to the Island. On Bath Island, mills have been erected, contiguous to what is termed the *race-way*, which divides Bath from Goat Island. The latter, which is 330 yards broad, is principally a wilderness. On the southern and western banks an extensive view is had of the rapids above and of the grand fall on the Canada side. But the best view of the latter is obtained from a small bridge which has been erected from the island to the *Terrapin rocks*, adjoining the falls, 300 feet from the shore. From the end of this bridge, which is placed on the very verge of the precipice, the frightful abyss, covered with a foam of snowy whiteness, is seen beneath. No one can witness it at first, without involuntarily shrinking back. A fear that the frail structure on which he stands may possibly give way, induces him to retrace his steps with as little delay as practicable; and it is not until after repeated visits, that this alarm wholly subsides.

At the foot of Iris Island (adjoining Goat Island) is what is called the *Biddle stair-way*, erected by N. Bid-

was at first placed in the river, and when this became secure, logs were sunk around it, locked in such a manner as to form a frame, which was filled with stone. A bridge was then made to this butment, the temporary bridge shoved forward, and another butment formed, until the whole was completed. One man fell into the rapids during the work. At first, owing to the velocity with which he was carried forward, he was unable to hold upon the projecting rocks; but through great bodily exertions to lessen the motion, by swimming against the current, he was enabled to seize upon a rock, from which he was taken by means of a ropes.

BLE, Esq. president of the U. S. Bank. This affords a safe and easy passage to a position more favorable than any other, for viewing this stupendous work of nature. The elevation of the island above the margin of the river or basin below, is 185 feet. The descent of the first 40 feet is effected by a flight of steps, commencing in the interior of the island, and descending on an inclined plane to the brow of the perpendicular work, through a dugway walled on both sides; the second flight is by a spiral stair way of 88 steps, down a perpendicular building in the shape of a hexagon, resting on a firm foundation—the whole handsomely enclosed. From the foot of this building to the river below, (about 80 feet) are three paths formed of stone steps, and leading to the water in different directions.*

The amount of water which passes over the respective falls, has been estimated by Dr. Dwight at more than 100 millions of tons an hour. No method can be devised for ascertaining the depth at the principal fall; but it is not improbable that it may be 6 or 800 feet; as the depth of the stream half a mile below is from 250 to 260 feet.

To a stranger who shall examine the rapids above the falls, it will seem incredible that Goat Island should ever have been visited previous to the construction of the bridge. Yet as early as 1765,† several French offi-

* It was from ladders erected at this place that the celebrated Sam Patch made a descent of 118 feet into the water below a short time previous to his fatal jump at Rochester in the fall of 1829.

† Trees marked 1765 and 1769, are still to be seen on the island.

cers were conveyed to it by Indians in canoes, carefully dropping down the river ; and it is but a few years since Gen. Porter, of Black Rock, with some other gentlemen, also made a trip to the Island in a boat. They found but little difficulty in descending ; but their return was difficult and hazardous. It was effected by shoving the boat with setting poles up the most shallow part of the current, for half a mile, before making for the shore.

Falling into the current, within a mile of the falls, is considered fatal. Several accidents of this kind have happened ; and no one, (save in the instance mentioned in a preceding page,) has ever reached the shore. Many bodies have been found below the falls—those that have fallen in the centre of the stream, without any external marks of injury ; and those that have fallen near the shore, much lacerated and disfigured. The latter has probably been occasioned by coming in contact with rocks in shallow water, before reaching the cataract. It is but a few years since an Indian, partially intoxicated, in attempting to cross the river near Chippewa, was forced near the rapids ; when finding all efforts to regain the shore unavailing, he lay down in his canoe, and was soon plunged into the tremendous vortex below. He was never seen afterwards.

There are two large boarding establishments on the American side, in what is called the village of Manchester. The Eagle Tavern kept by Gen. Whitney, is the oldest, and is entitled to a full share of patronage. The other has been recently erected, and is a handsome

building, with pleasant and airy apartments. The village was burnt by the British in 1813 ; but it has been rebuilt, and though small, is larger than it was previous to that event.

In giving a general description of the Falls, we have, in crossing to the American side, diverged from our proposed route. While on the Canada shore, it is recommended to tourists to visit the Deep Cut on the Welland canal, eight miles west of the Falls ; return ; proceed down the Niagara river through Queenston to Fort George or Newark ; cross over to Fort Niagara or Youngstown, and proceed up the river, through Lewiston, to Manchester. For a short excursion, there are many objects of attraction on this route, which are noticed hereafter.

The WELLAND CANAL unites the waters of Lakes Erie and Ontario, and is constructed for sloops of 125 tons burthen. The canal commences at Port Maitland, at the mouth of Grand river on Lake Erie, 40 miles west of Buffalo, and follows the channel of that stream nearly a mile and a half, and thence up Broad creek nearly a mile, where the artificial channel commences by a cut of 10 miles through a marsh. It then proceeds down Mill creek 2 1-2 miles until it intersects the Welland river, into which it descends by a lock of eight feet lift ; thence a towing path is constructed along the banks 10 miles—the marsh excavation from 10 to 16 feet. From Welland river the canal runs in a northerly direction winding up a ravine 66 chains, having 8 or 10 feet cutting ; where commences

the deep cutting or dividing ridge, an almost abrupt height of 27 feet above the canal bottom. It thence runs gradually to 56 feet 6 inches in a distance of 100 chains; thence descends to 30 feet in 28 chains, which as abruptly breaks off in another ravine; whole distance through the deep cut 1 mile 54 chains; average depth 44 feet. To the depth of from 12 to 18 feet from the surface, it is a compound of clay, mixed with sand, and below this a tenaceous blue clay. From the termination of the deep cut to that part where the mountain descends, is a distance of 4 miles and 23 chains, to lock No. 1 as it is called, although it is properly lock No. 2. From lock No. 1 the canal continues in a ravine 53 chains, gradually descending by 4 locks of 22 feet width; and thence for 1 mile and 55 chains it winds around the brow of a hill. There are 17 locks in this distance, and 60,000 yards of rock excavation. From this place the canal enters another ravine to St. Catharine's, a distance of 2 1-2 miles, in which there are 12 locks. This may be termed the mountain descent, as in a distance of 4 miles and 72 1-2 chains from lock No. 1, there are 32 locks, with a declination of 322 feet, 22 feet wide and 100 feet in the pool. From this to lake Ontario, a distance of 5 miles, the canal is mostly in the bed of the Twelve Mile creek. There are three locks in this section, including the one at the harbor, each 32 feet wide and 125 feet long; and five positions are taken for dams, one of which is 23 feet high.

The whole length of this canal is 43 1-2 miles, a little more than 19 of which are slack water; the total amount of lockage 334 feet.

The Deep Cut is considered the most gigantic artificial work in America, if we except the Desague near Mexico ; and, with the precipice of locks which descend the mountain ridge, forms altogether one of the most interesting improvements of the age.

The Canadians anticipate important results to their trade through the medium of this canal ; and numerous villages are already springing up on its borders. Some parts of New-York will also share largely in its benefits, particularly the towns bordering on Lake Ontario.

From the Falls on the Canada side to QUEENSTON the distance is 7 miles, over a good road which passes the former residence of the Duke of Richmond, since owned by Sir Perregrine Maitland. Queenston lies on the bank of the Niagara, and has little in its appearance indicating a prosperous or thriving village.

The battle of Queenston which was fought at this place, occurred on the 13th of Oct. 1812. Gen. Van Rensselaer, who had command of the American troops at Lewiston, on the opposite side of the river, determined on crossing over and taking possession of Queenston heights. The crossing was effected before day light ; and the ascent, which was up a precipitous ravine, rising nearly 300 feet above the river, was accomplished amid the fire of the enemy from his breast works on the heights. As the Americans approached, the British retreated to the village below ; where their commandant, Gen. BROCK, in forming his lines to reascend the heights, was mortally wounded by a random shot. His aid, Col. M'Donald, then took command and ascended the heights, where he was also wounded mortally. The Americans continued in possession but a few hours, when they recrossed the river. The pickets

and breast works, though in a state of decay, are still visible.

The spot on which Brock fell is pointed out to strangers. It was in a small field, since called Brock's lot ; and is reserved for the erection of a church at a future period.

BROCK'S MONUMENT

Is on the heights, one fourth of a mile southwest of the village of Queenston. It is composed of free stone ; and, excepting the base, is of a spiral form. It is a fine specimen of architecture ; and from its elevation, is seen for a great many miles. Its height is 126 feet ; and the heights on which it is erected, are 270 feet above the level of the Niagara river. The ascent to the top of the monument, is by means of winding steps, 170 in number. It is extremely fatiguing ; but the prospect afforded of the surrounding country for 50 miles in extent, will richly repay a tourist for the time and trouble in visiting its pinnacle. The following inscription appears on the monument :

“The Legislature of Upper Canada has dedicated this monument to the many civil and military services of the late Sir ISAAC BROCK, Knight, Commander of the most honorable Order of the Bath, Provincial Lieut. Governor and Major General, commanding his Majesty's forces therein. He fell in action on the 13th of October, 1812, honored and beloved by those whom he governed, and deplored by his Sovereign, to whose service his life had been devoted. His remains are deposited in this vault, as also his aid-de-camp, Lieut. Colonel JOHN M'DONALD, who died of his wounds the 14th of October, 1812, received the day before in action.”

FORT GEORGE, or NEWARK, is 7 miles north of Queenston, and is located at the entrance of the Niagara river into Lake Ontario. The village was burnt during the last war; which event was followed by the burning of several frontier villages on the American shore, as retaliatory. Fort George, near the village, is the most prominent, and perhaps the only object of interest presented. It is in a state of tolerable preservation, and has generally, since the war, been occupied as a garrison by a small number of soldiers. The river is crossed in a horse boat, to

YOUNGSTOWN, containing from 40 to 50 houses, one mile north of which, and directly opposite Newark, is FORT NIAGARA.* It was built by the French in 1725, passed into British hands by the conquest of Canada, and was surrendered to the U. States in 1796. It was taken by the British by surprise during the last war, and abandoned on the restoration of peace. The works are now in a state of decay.

LEWISTON is 7 miles south of Youngstown, and is directly opposite the village of Queenston. It is located at the foot and termination of the Mountain Ridge, or alluvial way, (noticed hereafter,) and at the head of navigation on the Niagara river. With the other frontier villages, it was laid in ruins during the late war, and was deserted by its inhabitants, from Dec. 1813, to April, 1815; but it is now in a flourishing condition, and its buildings exhibit much taste and neatness. A

* This is the place where the celebrated *William Morgan* was confined after his abduction.

ferry is established between this place and Queenston. While standing on the lofty bank, the rapid motion of the river, with its various eddies, are far from inviting, and seem to forbid the idea of a pleasant passage: but these sensations are removed soon after entering the boat. It is carried down for a considerable distance with much rapidity, but without danger.—Every appearance confirms the supposition, that at this place the falls once poured their immense volumes of water, but by a constant abrasion of the cataract, have receded to their present position, 7 miles distant.

Stages leave Lewiston every morning at 4 o'clock for Rochester, distant 80 miles, passing on the Ridge Road, or alluvial way,* and reach Rochester at even-

* This ridge extends along the south shore of Lake Ontario, from the Genesee river to Niagara river, a distance of about 80 miles. The road is handsomely arched in the centre, and is generally from 4 to 8 rods wide. In some places it is elevated 120 or 130 feet above the level of the lake, from which it is distant from 6 to 10 miles. The first 40 miles from Lewiston, of this natural highway, is broken for a considerable extent, by log roads or causeways, bordered by impervious forests, occasionally relieved by the temporary huts of the recent settlers; but the remaining distance is unusually level, and, with some intermissions, bordered by a line of cultivation. It is generally believed that this was once the southern boundary of the lake, and that the ridge was occasioned by the action of the water. The gravel and smooth stones of which the ridge is composed, intermingled with a great variety of shells, leave little room to doubt the correctness of this opinion. It is a great natural curiosity, and should be travelled over by the tourist in going to or returning from the Falls.

ing. Fare \$3,25. Stages, also run to Lockport every day, distant 20 miles, passing through the *Tuscarora* village, occupied by a tribe of Indians of that name.*

In pursuing the route from Lewiston to the Falls on the American side, the traveller soon begins to climb the height or mountain describing the difference of altitude between Lakes Ontario and Erie. The ascent is somewhat precipitous, but is overcome without difficulty. At the distance of two miles, the top is gained, and affords an imposing prospect of the almost interminable expanse below. The course of the mighty Niagara is easily traced to its outlet; where, from their prominence, are distinctly seen, Forts Niagara and George. The waters of the distant lake and the surrounding plains are so charmingly picturesque, that the traveller withdraws reluctantly, even to participate in the enjoyment of scenes more sublime. Three and a half miles from Lewiston is what is called the

DEVIL'S HOLE, a most terrific gulph, formed by a chasm in the eastern bank of the Niagara, 150 or 200 feet deep. An angle of this gulph is within a few feet of the road; affording to the passing traveller, without alighting, an opportunity of looking into the yawning

* Doct. Spafford, in his Gazetteer of New-York, remarks, that this tribe came from N. Carolina about 1712, and joined the confederacy of the Five Nations, themselves making the Sixth. They still hold an interest in a very large and valuable tract of land in N. Carolina, which will not be extinct before A. D. 1911. They also own a very considerable tract of land in this state, deeded to them by the Holland Company.

abyss beneath. During the French war, a detachment of the British army, while retreating from Schlosser in the night, before a superior force of French and Indians, were destroyed at this place. Officers, soldiers, women and children, with their horses, waggons, baggage, &c. were all precipitated down the gulph. Those who were not drowned in the river were dashed in pieces on the naked rocks !

The WHIRLPOOL is one mile farther south. It is formed by a short turn in the river, and can be viewed on either side : though the best view, connected with the rapids, is on the American shore. One mile farther, is a

SULPHUR SPRING, used principally for bathing.

The AMERICAN FALL at Manchester, is a mile and a half farther, and has been already noticed in this work.

LAKE ONTARIO.

This lake is in length 171 miles, and in circumference 467. In many places its depth has not been ascertained. In the middle a line of 350 fathoms has been let down without finding bottom. Of the many islands which this lake contains, the principal is Grand Isle, opposite to Kingston. At this place the lake is about 10 miles in width, and from thence it gradually contracts until it reaches Brockville, a distance of about 50 miles, where its width is not over 2 miles. About 40 miles of this distance is filled with a continued cluster of small islands, which from their number have been distinguished by the name of the Thousand Islands.

Though inferior in its extent to the remaining 4 great western lakes, Ontario is far from being the least inter-

esting. The north-east shore of the lake consists principally of low land, and is in many places marshy. On the north and north-west it is more elevated, and gradually subsides towards the south. The margin of the lake is generally bordered by thick forests, through which are occasionally seen little settlements surrounded with rich fields of cultivation, terminated by lofty ridges of land here and there assuming the character of mountains. Some of the highest elevations of land are the cliffs of Toronto, the Devil's Nose, and the Fifty Mile Hill. The principal rivers which empty into the lake on the south, are the Genesee and Oswego. York, Kingston and Sacket's Harbour, all situated on the borders of the lake, are well known in connexion with the history of the late war.

ROUTE FROM NIAGARA TO MONTREAL.

By the present arrangement, the BRITISH steam boats leave Queenston for Prescott, on Lake Ontario, every Tuesday, Thursday and Saturday at 8 A. M. touching at York, Kingston and Brockville—fare \$10. From Prescott a stage is taken for Cornwall, 50 miles; from thence a steam boat to Coteau du Lac, 4 miles; from thence a coach to the Cascades, 16 miles; from thence a steam-boat to Lachine 24 miles; and from thence a coach to Montreal, 9 miles.

The AMERICAN boat leaves Lewiston every Monday for Ogdensburgh, distant 268 miles, touching at Fort Niagara, Genesee river, Oswego, Sacket's Harbor, Cape Vincent, French creek and Morristown. From Ogdensburgh, a stage is generally taken for Montreal; though passage boats, which descend as far as Lachine, are sometimes preferred.

From Lewiston to Montreal is 385 miles, and the intervening distances are estimated as follows :

	<i>Miles.</i>		<i>Miles.</i>
Fort Niagara,.....	7	Ogdensburgh, ...	12
Genesee River,.....	74	Gallop Islands,.....	5
Great Sodus Bay,....	35	Hamilton, ...	19
Oswego River, ...	28	St. Regis,.....	35
Sacket's Harbor,....	40	La Chine,.....	53
Cape Vincent,.....	20	Montreal,.....	7
Morristown, ...	50		

FORT NIAGARA, 7 miles from Lewiston. (*See p. 279.*)

CHARLOTTE, at the mouth of the Genesee river, 74 miles from Lewiston, is a port of entry where there is a light-house, and the commencement of extensive piers building by the United States, for improving the navigation. The river is navigable to the Carthage falls,* 4 miles; from thence to Rochester* is 2 miles; to which place passengers can always be conveyed by stages in readiness on the arrival of the boat.

GREAT SODUS BAY, 35 miles. This embraces East, Port and Little Sodus Bays, and has three islands of considerable size. The whole circumference of the bay, with its coves and points, is about 15 miles. Its waters are deep and clear, and its shores have several elegant sites for buildings.

OSWEGO, 28 miles. This village is situate at the mouth of the Oswego river; and within a few years has rapidly increased in size and population. The falls in the river at this place afford extensive facilities

*For a description of these places, see pages 250 to 255.

for manufacturing operations ; added to which, what is called the Oswego canal here terminates, uniting with the Erie canal at Syracuse, 38 miles distant. An extensive pier has been recently erected here, affording a safe and beautiful harbor for boats and sloops.

Forts Oswego and Ontario are at this place. The first was erected in 1727, and the latter in 1755. Both were besieged by Gen. Montcalm in 1756, with 3000 troops and two vessels. Fort Ontario was soon evacuated by the English, which was followed by the surrender of Fort Oswego, with a large quantity of stores, cannon, two sloops and nearly 200 boats. The position, however, having been held a short time by the French, was abandoned.

During the last war, the place was taken by the British, after a loss of about 100 men ; but was evacuated immediately afterwards.

SACKET'S HARBOR, 40 miles. This was an important military and naval station during the last war. The *Barracks* are situate about 400 yards north-easterly of the village on the shore. They are a solid range of stone buildings, and add much to the appearance of the place. Two forts erected during the war are now in ruins. On Navy-Point, which forms the harbor, there is a large ship of war on the stocks ; but which, probably, will never be finished.

CAPE VINCENT, 20 miles. Kingston in Upper Canada, is on the opposite side of the lake, 11 miles distant, with Grand Island intervening.

MORRISTOWN, 50 miles. The river here is but a mile and a quarter wide ; on the opposite side of which, is the village of Brockville.

OGDENSBURGH, which terminates the passage of the steam-boat, is 12 miles farther, and is situated on the east side of the Oswegatche river, at its confluence with the St. Lawrence. This is a thriving little village, containing about 200 houses, and a population of about 1000 inhabitants. A military fortification, consisting of two stone buildings and a number of wooden barracks was formerly erected here by the British government, but was ceded to the United States in 1796.

A regular stage leaves Ogdensburgh three times a week for Plattsburgh; from whence a steam-boat can be taken on Lake Champlain for St. John's or Whitehall.

Stages also arrive and depart every week, to and from Montreal; and by crossing the river, a stage can be taken at Prescott for that place daily. Passage boats, also, leave Ogdensburgh about every day, and descend the river as far as La Chine, 7 miles above Montreal, in 3 days. The boats are usually furnished with every necessary implement for their good management, and with skilful pilots. The latter are more particularly requisite, as the current of the St. Lawrence is generally very rapid, and obstructed by numerous shoals and islands, which by an inexperienced navigator could not without difficulty be avoided. The principal rapids are three in number—the Longue Sault, the Rapids of the Cedars* and the Cascades of St. Louis. The first of

*It was at this place that Gen. Amherst's brigade of 300 men, coming to attack Canada, were lost. The French at Montreal received the first intelligence of the invasion, by the dead bodies floating past the town.

these are 9 miles in length, and are usually passed in 20 minutes, which is at the rate of 27 miles an hour. The rapids of the Cedars terminate about 3 miles from the Cascades, which, after a broken course of about 2 miles, pour their foaming waters into Lake St. Louis. Lake St. Francis, on the St. Lawrence, is 25 miles long, and its greatest breadth 15. The borders of the lake are so low that they can scarcely be distinguished in passing along its centre. At the northern extremity of Lake St. Francis, on its south side, is situated the village of St. Regis, through which passes the boundary line between the Canadas and the United States.

The banks of the St. Lawrence exhibit a country remarkably fertile, and in many places under good cultivation.

The first settlements in this region commenced in 1783, and though scarcely 50 years have elapsed, it now exhibits many of the embellishments incident to a numerous population and successful improvement. The perpetual varying scenery along its banks, occasionally diversified with smiling fields and flourishing villages, together with the islands and rapids of the St. Lawrence, present a succession of novelties with which the traveller cannot fail to be gratified.

GALLOP ISLANDS, 5 miles from Ogdensburgh. The river is here divided into two currents, the commencement of the great rapids below. From these rapids,

The pilot who conducted their first batteaux committed an error by running into the wrong channel, and the other batteau following close, all were involved in the same destruction.

the river descends 231 feet in 280 miles. On *Stoney Island*, (one of the Gallop cluster,) the French had a strong fortress, which was taken and demolished by Gen. Amherst, in 1760.

ST. REGIS, 54 miles, is a village occupied by a tribe of Indians of that name, who have a reservation of land here of considerable extent. One of their chiefs, aged about 90, remarked to a gentleman of our acquaintance a short time since, that he visited the High Rock Spring at Saratoga between 60 and 70 years ago, *when the water flowed over the top of the aperture.**

LACHINE, 53 miles. From thence to Montreal, which is 7 miles farther, the river road is generally preferred; from which a charming view of the rapids and of several islands is enjoyed. It also crosses the Lachine canal.

MONTREAL

Is situated on the south side of the island of the same name, 131 miles from Ogdensburgh, and 170 from Quebec. The length of the island is 30 miles, its mean breadth 7, and its circumference about 70. The city extends along the St. Lawrence, about 2 miles in length, and half a mile in width. The buildings are mostly constructed of stone, and arranged on regularly disposed but narrow streets. A stone wall formerly encircled the city, which, by the sanction of the gov-

*No one living near the Spring remembers to have seen the water rise higher than within 8 or 10 inches of the top of the rock. At present it is considerably lower.

ernment, was some years ago totally demolished. Montreal is divided into the upper and lower towns. The latter of these contains the Hotel Dieu, founded in 1644, and under a superior and thirty nuns, whose occupation is to administer relief to the sick, who are received into that hospital. The French government formerly contributed to the support of this institution; but since the revolution which occasioned the loss of its principal funds, then vested in Paris, its resources have been confined to the avails of some property in land. The upper town contains the Cathedral, the English Church, the Seminary, the Convent of Recollets, and that of the Sisters of Notre Dame. The general hospital, or Convent of the Grey Sisters, is situated on the banks of the St. Lawrence, a little distance from the town, from which it is separated by a small rivulet. This institution was established in 1753, and is under the management of a superior and 19 nuns.

Some of the public buildings are beautiful. Among these, the new *Catholic Church*, in grandeur, capaciousness, style and decoration, is probably not exceeded by any edifice in America. It is 255 feet long, and 34 feet wide, and is sufficiently capacious to hold 10,000 persons.

Nelson's Monument, near the Market Place, is an object also meriting an accurate survey.

The *Museum* belonging to the *Society of Natural History* contains a numerous assemblage of indigenous and exotic specimens, an examination of which will prove highly interesting to visitors of taste and science.

A visit to the Nunneries can generally be effected without difficulty ; though a trifling purchase of some of the manufactures of the nuns is generally expected.

The *College* is a large stone edifice, 3 stories high, and has a spacious yard on the south, adjoining to which is a beautiful garden. It generally contains about 300 students, and the terms of tuition are 80 dollars per annum. Connected with the college there is also a preparatory school, under excellent regulations.

The *Parade* is a beautiful public ground on which the troops are usually drilled.

The prevailing religion here, as well as at Quebec, is the Roman Catholic. The clergy derive a revenue from grants of land made to them under the ancient regime, and from contributions ordained by the church. Besides these, a principal source of revenue is from the fines for alienation, which amount to about 8 per cent. paid by the purchaser of real estate, every time the same is sold, and which extends to sales of all real estates in the seignory or island of Montreal.

The city, including its suburbs, contains rising of 30,000 inhabitants.

The Mountain of Montreal, from which the city takes its name, rises about 2 1-2 miles distant. It is elevated 700 feet above the level of the river, and extends from north to south 2 miles. This spot has already been selected for the residence of some private gentlemen, whose elegant white mansions appear beautiful in contrast with the surrounding foliage. The island of St. Helena, immediately opposite the city, is a delightful little spot, from whence is had a fine view of Montreal, with its lofty mountain in the back ground,

the settlement of Longueuil, St. Lambert and La Prairie de la Madalene, on the east side of the river, and the waters of the St. Lawrence, dashing over the rocks of La Chine, and sweeping their course around a variety of islands.

The principal public houses in the city are, Masonic Hall, in the north part ; Goodenough's, St. Paul street ; and Mansion-House, do.

FROM MONTREAL TO QUEBEC—170 MILES.

The St. Lawrence from Montreal to Quebec is navigated by a number of excellent steam-boats, and the passage between the two cities is delightful. A large majority of the inhabitants of Lower Canada are crowded together near the shores of the St. Lawrence, and few interruptions of forrest land intervene in the whole distance between the two principal cities. The dwellings and cultivated grounds are so frequent and continuous, that each side of the river, in fact, becomes almost an unbroken street ; with groupes of houses in the vicinity of the several churches, which are erected generally in sight of the passing steam-boat, except on Lake St. Peter. The churches are from six to nine miles distant from each other, and upwards of twenty in number, forming, many of them, prominent objects to give embellishment and charm to the novel and otherwise very attractive scenery. All travellers sleep one night at least on board the steam-boat while journeying between the two cities ; and it is recommended that they should arrange the hour of departure from Quebec, (which is always at low water) so that they may view by day-light that part of the river which had been be-

fore passed in the night. A journey to Quebec and back again, which ten or twelve years since was the labor of some weeks, may now be accomplished, by means of steam-boats, in less than three days. The distance between the two cities is 170 miles.

From Montreal, the boat first passes near the Fort on St. Helen's Island and soon enters the rapids of St. Mary; in returning up which, steam-boats are often drawn by cattle. Proceeding down the river, the villages of Longueuil, Longue Pointe, Vercheres, Varennes, Point aux Trembles, Contrecoeur, Repentigny, St. Sulpice, La Moragne, Berthier and Machiche are successively passed, before reaching the town of

WILLIAM HENRY, which is 40 miles from Montreal. It stands on the site of an old fort, built in 1665, on the right bank of the river Sorel, at its confluence with the St. Lawrence. The present town was commenced in 1785. It is regularly laid out with streets, crossing each other at right angles, leaving a space in the centre about 500 feet square. The number of dwellings does not exceed 200, and its population 2000. Near the town is a seat which was formerly the residence of the Governor General of Canada, during the summer months. Opposite the town, the river Sorel is 250 yards broad, and is navigable for vessels of 150 tons, for twelve or fourteen miles. On this river, which unites the waters of Lake Champlain with the St. Lawrence, are two considerable forts, the one at St. John's and the other at Chambly. Sorel was occupied in May, 1776, by a part of the American army, under General Thomas, on their retreat from Quebec.

Lake St. Peter, some miles below the town of Sorel, is formed by an expansion of the river St. Lawrence, to 15 or 20 miles in width, and 21 in length. The waters of the lake have but little current, and are from 8 to 11 feet deep. At the upper end of the lake a variety of small islands are interspersed, which are the only ones that occur in the St. Lawrence till you reach the island of Orleans, a distance of 117 miles. On the north side of this lake is the town of

THREE RIVERS, at the mouth of the St. Maurice, which is divided by two small islands into three branches. This town was formerly the seat of the Colonial Government, and is now considered the third in importance in the Province. It contains about 400 houses, including a Roman Catholic and an Episcopal church, and a Convent of Ursulines—also the barracks formerly occupied by the governor, during the French regime. The number of inhabitants is estimated at 3000. Some miles up the St. Maurice are the celebrated falls of Shawinnegame, a beautiful cataract of about 100 feet descent.

Seven miles below Three Rivers, the Richelieu rapids commence. The river is compressed within less than half a mile in width, and the water moves with great velocity for three or four miles; but being deep and the current unbroken, except at the shores, the descent is made by steam-boats without danger, except in the the night, when a descent is never attempted.

The scenery of the St. Lawrence is occasionally relieved by the prospect of the distant mountains, the highest of which does not exceed 1000 feet, but rising in the back ground of the cultivated vales along the

borders of the river, give an additional degree of beauty and novelty to many of its landscapes. The alternate variety of the waters of the St. Lawrence, now reposing in stillness on the bosom of an expanded lake, and now rushing with the rapidity of a cataract, added to the pleasing effect of the landscape scenery, afford an agreeable repast to the tourist, until he reaches the classic scenes of Quebec. Soon after leaving Cape Rouge and the little village of St. Nicholas, near the mouth of the Chaudiere river, the towers and citadel of this famous city open to view, situated on a rock of 345 feet in height, called Cape Diamond, from the gem-like quality of the chrystals which are found intermingled with the granite beneath its surface. In approaching the city, you pass Sillery River and Cove, and Wolfe's Cove, where he landed his army to gain the heights of Abraham, about 1 1-2 miles from Quebec. Point Levi appears on the right, a rocky precipice, covered with white dwellings, and commanding the citadel of Quebec from the opposite shore.

QUEBEC*

Is situated upon a high peninsular point of land, at the confluence of the Rivers St. Lawrence and St. Charles, the junction of which forms a capacious and beautiful bay and harbour.

From the New Exchange at the extremity of the point on the north-east, the limits of the city jurisdic-

* For a description of this place, the editor is principally indebted to a valuable work, entitled "The Picture of Quebec," published in that city in 1829.

tion extend in a direct line about north-west to a bend in the St. Charles River, near the General Hospital. On the St. Lawrence River the south-west point of the Banlieu is about equi-distant from the Exchange, the whole plat approximating to a triangle, the longest side of which passes a short distance to the west of the Martello Towers, measuring one mile and five furlongs or 2860 yards from the St. Charles to the St. Lawrence.

A straight line drawn from one river to the other, at the Barrier on the south and west, is rather more than a mile in length, and the whole wall is two miles and three quarters in circuit ; but including the Citadel, the Esplanade, the different large gardens, and other vacant spaces, a considerable proportion of the interior area within the fortification remains unoccupied for buildings.

The city and environs are thus subdivided : That part which is within the walls is called the Upper Town, and can be approached solely by five gates. On the eastern side of the Cape towards the St. Lawrence, there is only one avenue to enter it, by a circuitous steep hill, through Prescott Gate ; which is the chief thoroughfare for all the commercial business of the port, especially during the navigable season, and then Mountain street, as this route is named, presents the appearance of a crowded and active population. On the north of the city, and where the promontory has considerably declined in height, there are two entrances—Hope Gate, not far from the eastern extremity of the rampart, and Palace Gate adjoining the Armoury and the Artillery Barracks. These gates are on that side of the city which is washed by the St. Charles.

From the land there are two avenues to the interior of the fortifications : that to the east is known as the St. Louis Gate, which conducts by a beautiful road to the Plains of Abraham ; the other is at the end of St. John street, and thence denominated St. John's Gate. This is the route through which the chief part of the country trade passes.

The long street from the termination of the Banlieu on the south-west, upon the St. Lawrence, skirting the Cape round to the Wood Yard belonging to the Government, including Mountain street to the Prescott Gate, and all the other shorter streets between the hill and the river, are generally denominated the Lower Town. The portion between the road outside of the Gates of St. Louis and that of St. John street, to the line of the Banlieu, is called the suburbs of St. Louis. From St. John street northerly to the Cote St. Genevieve, and returning to the end of the Banlieu, all the buildings are included in the St. John suburbs ; and the large district extending from the Wood Yard along by the foot of the hill to the western extremity of the Banlieu, and bounded on the north-west by the St. Charles River, bears the appellation of the suburbs of St. Roch.

As travellers are generally restricted to time, they have often failed to gratify their curiosity for want of a directory or guide, by which they might with the greatest facility view the most important objects, and also from not having previously obtained a letter of introduction to some respectable citizen who would accompany them in their explorations. To remove these obstacles, the following methodical plan of an excur-

sion through the city, and the accompanying descriptions are given. They will be found to be accurate, and will save the tourist from innumerable perplexities, to which he would otherwise be subjected.

Taking the Upper Town Market-House as the place of departure, the observer has on the west the ancient Monastery of the Jesuits, now used as the *Barracks* for the troops of the garrison. It is a capacious quadrangular edifice of 75 yards by 67, encircled by a wall which measures on the north the whole length of Fabrique street, and more than 200 yards on St. Anne st. The area enclosed, and which now is appropriated for the parades and exercise of the troops, was formerly an elegant garden. Fronting on the east side of Market-Place is the principal

Roman Catholic Church, which is open nearly the whole hours of day-light. It is a massive unornamented and spacious stone building. From the vestibule, the body of the interior is subdivided into equal proportions. At the termination of the nave is the grand altar in the middle of the ellipse constituting the sanctum, the walls of which are ornamented with representations and figures, commingled with various other graphical emblems. Among the pictures are the conception—the Apostle Paul in his extatic vision—the Saviour ministered unto by angels—the flight of Joseph and Mary—the Redeemer on the cross—the nativity of Christ—the Saviour under the contumelious outrages of the soldiers—the day of Pentecost—and the Holy Family. During the siege of Quebec, in 1759, this church was set on fire by shells discharged from a battery on Point Levi, and all the paintings and ornaments

consumed except the first above mentioned, which was afterwards found among the ruins. The avenue north of the church conducts the tourist to

The Seminary, a capacious superstructure of stone, in the form of a parallelogram. It is encircled by a large garden, walled in, measuring in the whole about seven acres. This institution was established in 1663, and was originally designed for the education of ecclesiastics ; but this exclusive system was long since abandoned, and it is now open for the reception of all who comply with its regulations. Attached to the Seminary is a museum of natural curiosities ; and on the left of the grand entrance from Market-Place is the vestibule of the chapel, in which are a great variety of sacred paintings. From this the tourist can proceed to the church ; and from thence to the

Place d'Armes, where, on the east of the Pentagon is the *Castle of St. Lewis*, the residence of the Governor, and which, from its peculiar situation, constitutes one of the principal objects of notice in all views of the city, from Beaufort easterly to the Chaudiere. At its base, the rock is nearly 200 feet in perpendicular height, and the building on the east is sustained by strong stone buttresses, on which is laid a wide balcony extending along the whole length, and whence the beauties of the northern and eastern landscape are beheld. The building is three stories high, and about 160 feet long ; and attached to it are several buildings containing the public offices. On the west corner of the *Place d'Armes* stood the Episcopal church, which has been lately burnt. On the south side, and nearly adjoining, is the

Court House, a plain neat building of stone about 140 feet long, and as many broad. It stands where once stood a church belonging to the order of the Recollets, which was burnt in 1796.

On the corner of Fort street, south of the castle of St. Lewis, is a large building used for public offices, the front room of which, on the first story, contains the *Museum* of the "Society for promoting Literature, Science, Arts and Historical research in Canada." A visit to it will prove extremely interesting. Crossing the Place d'Armes to Des Carrieres street, the visitor will next inspect the

Monument, erected in memory of Wolfe and Montcalm. This consists of a base and a pillar, surmounted by a vignette of graphic delineation. The base is about 6 by 5 feet, and the whole height of the monument is sixty-five feet. It contains two Latin inscriptions. After viewing from the promenade at the exterior of the Governor's quarters the beautiful landscape diverging to the north-east, the visitor will return to St. Lewis street, where, after passing the office of the Commissariat, he will turn by Parloir street to the

Ursuline Nunnery and Church. This Nunnery and the land adjoining it occupy a space of about seven acres which is surrounded by a high barrier of stone. The institution was founded in 1639, and the edifice, which is of stone, is two stories high, 114 feet long, and about 40 broad. At the east projection is the chapel, about 100 feet long and 50 in breadth, the interior of which is highly decorated. The convent is neat, and includes a superior, 42 assistants and 7 novices, the chief employment of whom is the tuition of a

large number of girls in common knowledge and other qualifications. They are more rigid and retired than the inmates of any other conventual institution in Canada. Persons of distinction only are permitted to examine the domestic departments ; but the Chaplain, whose apartments are on the right of the entrance, permits strangers to examine the church on application to him. Among the paintings there exhibited, are the portraits of some of the Popes—the birth of Immanuel—the Saviour exhibiting his heart to the Religieuses—the Saviour taken down from the cross—a cargo of Christians captured by the Algerines—Louis XIII of France—and several devices taken from the scriptures. The altars are highly ornamented and imposing.

Leaving the nunnery, the visitor will next proceed by Anne street, with the south wing of the barracks on his right to the Presbyterian church. Passing its front he will leave the jail on the right, where he pursues his course to the

Esplanade. If he has no citizen as a companion, and no other mode of visiting the fortification, he should turn up St. Ursule to St. Louis street, and at the military offices request from the adjutant general a card of admission to walk round the interior of the

Citadel. This stupendous fortress circumscribes the whole area on the highest part of Cape Diamond, and is intended not only to accommodate the garrison as a residence, parade, &c. but also to include all the materiel of war. It perfectly commands the city and river St. Lawrence ; and when completed will be not only the most powerful specimen of military architecture on the western continent, but also a rival of many of the

renowned works in the Netherlands. All attempts to describe the Citadel in its present unfinished state would be nugatory.

Having entered the grand western gate, where the visitor leaves his ticket with the soldier on guard, and examined the edifice, he will first proceed round the course of the Citadel to the flag staff and telegraph; thence southerly by the parapet bordering on the river to the machinery at the head of the rail-way, or inclined plane, which is 500 feet long, extending from the wharf to the Cape, where its perpendicular elevation is 345 feet above the stream. This rail-way is used by the government alone, to convey stones and other articles of great weight and bulk, for the erection of the new fortress.

Having surveyed from the highest point the majestic scene, in every diversified aspect of hill and dale, land and water, the visitor will follow the course of the wall on his left hand, until he returns to the same gate, and pursue his walk by it, over St. Louis gate along the Esplanade, until he arrives opposite the church of the Congreganistes, immediately below which is the national school house.

Proceeding along St. John street, he will turn north of St. Stanislaus street, on the east side of which stands Trinity chapel, whence, crossing Carleton street, he arrives at the artillery barracks and the armoury—the latter of which may be inspected, if a resident of the city be in company.

Opposite the armoury is the anatomical room of the medical society. Thence walking up Palace street, on the right hand is St. Helen street, where is Mr. Chas-

seur's natural museum. Returning into Palace street, the visitor crosses obliquely above to Collins' Lane, in which stands on the left, the

Chapel of the Hotel Dieu. These premises include a large proportion of the northern part of the interior of the city—commencing from the gate of the burial ground on Couillard street, and extending to Palace street, with a wall on the north, parallel to the fortifications ; the whole space occupying about twelve acres. This institution was commenced in 1637, under the auspices of the Duchess of Aiguillon, and was consecrated to the reception and care of the sick, who are indigent and distressed. It is a capacious edifice, the longest portion of which extends nearly one hundred and thirty yards by seventeen in depth, and three stories high. On the north-west side from the centre, a range is erected two stories high, fifty yards in length, and nearly as many feet broad, plain and unadorned. This wing is appropriated for the patients ; the upper story of which is occupied by the females. All proper attendance both from the nuns and physicians, with every necessary comfort, is gratuitously administered.

In the convent the sisterhood reside, who now include the superieure, thirty-three religeuses professes two novices and one postulante. The regularity neatness and purity with which the establishment is conducted, and the solace of the wretched who find refuge in this hospitable domain, are highly exemplary.

The church of the Hotel Dieu, externally, is perfectly plain, and the interior is little adorned. The paintings may be examined upon application to the chaplain.

Having completed an examination of the Hotel Dieu, with the surrounding garden, the visitor may next follow Couillard, St. Joachin and St. George's streets to the *Grand Battery* and the ancient palace of the Catholic bishop, now used by the provincial parliament; or he can return to Palace street, and continue his progress to the gate, where, by passing the guard house and pursuing his walk easterly, he may accurately understand the nature of the defence which the city can make against external assault.

The first house at which he arrives is distinguished as the residence of the renowned Montcalm. There he may turn to the right which will lead him to Couillard street, or he can continue his walk passing Hope Gate, until he arrives at the Look-out from the north-east platform of the battery.

In the lower town, the only objects which merit notice, besides the inclined plane or rail-way to the Citadel, are the Exchange reading room, and the Quebec library, which are always open for the admission of strangers, if regularly introduced, and are worthy of inspection.

About one hundred yards from the lower end of the rail-way, General MONTGOMERY and his aids with other men were killed on the morning of December 31, 1775, when proceeding to the assault of Quebec. The place may be easily recognized, notwithstanding the alterations which have occurred. At that period, a narrow path only was made between the foot of the hill and the river, so that vessels were fastened to the rock by large iron bolts, one of which still remains, near the very spot where the American General and

his advanced party were discomfited. The wharves, houses, &c. all have been long since constructed. At the top of the small ascent on the street immediately below, the small battery had been erected, near the plat where the southerly forge is now stationed. As Montgomery led on the attack, the British retreated before him. In passing round Cape Diamond, the ice and projecting rocks rendered it necessary for the Americans to press forward in a narrow file, until they arrived at the block house and picket. The General was himself in front, and assisted with his own hands to cut down and pull up the picket. The roughness of the way had so lengthened his line of march, that he was obliged to wait for a force to come up before he could proceed. Having re-assembled about 200 men, he advanced boldly and rapidly at their head to force the barrier. One or two of the enemy had by this time ventured to return to the battery, and seeing a match standing by one of the guns, touched it off, when the American force was within 40 paces of it. This single and accidental fire struck down General Montgomery and his aids, Captain M'Pherson and Captain Cheesman.

The remains of Montgomery were interred by a soldier of the name of Thompson within a wall that surrounded a powder magazine near the ramparts bounding on St. Lewis' gate; and in 1818 were removed to New-York, where they were deposited beneath a monument in front of St. Paul's church.

The PLAINS OF ABRAHAM lie south and west of Quebec. The visitor, on leaving St. Louis gate, should turn up the stairs to the Glacis, continue his course under the citadel, and pursue a path to the right. At the

termination of the enclosure, the bank is ascended to the Plains of Abraham, near the spot where Wolfe died. The large house at a distance in the front is erected on the site of a French redoubt, which defended the ascent from Wolfe's Cove, and was the primary object of assault and capture, after the top of the hill had been gained by the British troops. The precipice at the Cove, from 150 to 200 feet in height, and full of projections of rocks and trees, seemed to be rendered almost inaccessible. General Wolfe, however, with unparalleled fortitude, led the way in the night (Sept. 12, 1759) through a narrow path winding obliquely up the hill, which, with the assistance of boughs and stumps, enabled him and his troops to gain the summit. Here, by day-light the next morning, they were formed in line of battle, in readiness to meet the enemy.

General Montcalm, on receiving information that the British had possession of the heights, broke up his camp at Beaufort, crossed the St. Charles river, and at about 10 o'clock in the morning commenced the attack. After a desperate struggle of about two hours, in which both commanders had been mortally wounded, the French gave way, and left the field in the possession of the victors.

Wolfe fell at the critical moment that decided the victory. He was wounded in the early part of the engagement by a bullet in his wrist—soon after by a ball which passed through his groin—and it was not until a third had pierced his breast, that he suffered himself to be carried from the field. "I die happy," was his exclamation, when in the arms of death he heard the joyful shouts of victory.

The *Martello Towers*, consisting of four circular forts, are situated at the northern extremity of the Plains of Abraham, about half a mile in advance of the exterior grand wall of the fortifications. They are numbered from the river St. Lawrence to the General Hospital, and guard the approaches to the city on the south and west. They are nearly 40 feet in height, with a base diameter almost equal ; and the exterior wall is of ample strength to resist a cannonade.

The FALLS OF MONTMORENCI, are situated about 8 miles north-east of Quebec, on the river of the same name, near its junction with the St. Lawrence. These falls pour over a perpendicular precipice 240 feet in height, and may almost compare in beauty and grandeur with the cataract of Niagara.

The effect from the summit of the cliff is awfully grand and sublime. The prodigious depth of the descent of the waters of this surprising fall ; the brightness and volubility of their course ; the swiftness of their movement through the air ; and the loud and hollow noise emitted from the basin, swelling with incessant agitation from the weight of the dashing waters, forcibly combine to attract the attention, and to impress the mind of the spectator with sentiments of grandeur and elevation. The breadth of the fall is 100 feet ; and the basin, which is bounded by steep cliffs, forms an angle of forty-five degrees. When viewed from the beach, the cataract is seen, with resplendent beauty, to flow down the gloomy precipice, the summit of which is crowded with woods. The diffusion of the stream, to the breadth of 1500 feet, and the various small cascades produced by the inequalities of its rocky bed, on

its way to the St. Lawrence, display a very singular and pleasing combination.

Remains of entrenchments and fortifications erected during the French war are still to be seen near the falls. A battery occupied by Gen. Wolfe, in June, 1759, on the precipice north-east of the falls, is yet visible. The French occupied the opposite bank; and Wolfe attempted to storm their works by fording the river below the falls and ascending the heights. Without forming in a regular manner, and without waiting for additional reinforcements which were on their way from Point Levi, Wolfe's men rashly ascended the hill, eager for the onset, and were cut down by the French artillery and musquetry, and obliged to retreat. The English loss was about 500; while that of the French was trifling. A storm coming on, further attempts to dislodge the French were abandoned. The British afterwards ascended the river, and the action on the Plains of Abraham, which has already been noticed, took place in the month of September following.

There are three points which afford the best views of the Falls. 1. From the upper window of the mill, whence the projecting leap is safely seen. 2. Having crossed the bridge, the visitor proceeds along the brow of the hill, until he arrives nearly in front of the whole cataract, from this summit, the view, with the concomitant circumstances, inspire commingled emotions of awe, terror and astonishment. From the same spot, there is a lucid and beauteous prospect of Quebec, with its encircling scenery; and with an ordinary magnifying glass, the observer can discern all the prominent objects—the steeples, towers, fortifications, prin-

cial edifices, the shipping, the course of the St. Lawrence, until it is lost among the hills—Point Levi and its vicinity—the north side of the island of Orleans—the point of Ange Gardien—and the shores of the river as far as Cape Tourment. 3. Hence the visitor descends the hill, and pursuing its course to the right, he may ordinarily advance to the rock which interrupts the turbulence of the stream when discharged into the chasm. In the view from below, the most vivid impressions of this gorgeous cascade are produced ; and travellers who do not thus survey the Falls, can form only a faint and incorrect idea of its apparently changing effect.

At a considerable distance above the Falls, the channel of the river is contracted between high vertical rocks, and the water rushes with proportionate velocity. In one part at about half a mile from the bridge, cascades of three or four yards in depth are adjacent to two fine geological curiosities, familiarly denominated the *Natural Steps*, which appear to have been formed by the attrition of the stream, occasioned by the melting of the snows and the augmented rapidity of the flood. Many of these steps are so regular, that they almost develope the process of human art. The perpendicular attitude of the rocks on the east side—the tree-crowned summit—the uniformity of appearance, resembling an ancient castle wall in ruins—the precipices on the western bank—and the foaming noisy current portray a romantic wildness, which is very attractive. Observers are amply remunerated for their walk, as conjoined with this interesting object, they witness the continuous descent and the accelerating force and celerity with which the river is propelled to

the point, whence it is precipitated into the St. Lawrence.

LORETTE, an Indian village, about 8 miles from the city, can be taken in the route to or from the Falls of Montmorenci. It is built upon an elevated situation, whence there is an extensively varied and agreeable landscape, in many points similar to that from Cape Diamond, but also including some attractive novelties of outline. It exhibits a bold and beautiful view of Quebec and its suburbs, and in its extent, it is bounded solely by the distant southern mountains. The Indian inhabitants of the village retain many of the prominent characteristics of the aboriginal roamers of the forest, combined with vicious habits contracted by their proximity to a large sea-port, and their intercourse with its migratory population. At this village is a very charming view of the river St. Charles tumbling and foaming over the rocks and ledges to a great depth. The rugged and perpendicularly elevated woody cliffs in connection with the impetuous rush of the waters, although circumscribed in extent, and therefore affording no expanded prospect in immediate front, yet as seen from the Saw-Mill, and from the bank and the bridge at the head of the dell, in its different positions and aspects, constitute an object, which, when contrasted with the more majestic cataracts of Montmorenci and the Chaudiere, or recollected in combination with them, furnishes in memorial an addition to the varieties which those stupendous natural curiosities embody.

THE CHAUDIERE FALLS can be approached by land or water. The former is generally preferred, the distance

to the mouth of the Chaudiere being nine miles from Quebec. From thence visitors can cross at the ferry and take an indirect path to the west bank of the river, or diverge from the St. Lawrence some distance north of the Chaudiere, and arrive within a short walk of the falls on the eastern bank. The river at the cascade is much compressed, being only about 400 feet across ; and the depth into the *Pot*, as it is usually termed, is about 135 feet. Many rocks divide the stream, precisely at the fall, into three chief currents, of which the westerly is the largest—these partially re-unite before their broken and agitated waves are received into the basin ; where each dashing against the other maintains a turbulent whirlpool. The form of the rock forces a part of the waters into an oblique direction, advancing them beyond the line of the precipice, while the cavities in the rocks increase the foaming fury of the revolving waters in their descent, displaying globular figures of brilliant whiteness, which are richly contrasted with the encircling dark and gloomy cliffs, while the ascending spray developes all the variety of the coloured cloudy arch, and enlivens the beauty of the landscape. The wild diversity of rocks, the foliage of the overhanging woods, the rapid motion, the effulgent brightness and the deeply solemn sound of the cataracts, all combining to present a rich assemblage of objects highly attractive, especially when the visitor, emerging from the wood, is instantaneously surprised by the delightful scene. Below, the view is greatly changed, and the falls produce an additional strong and vivid impression. If strangers only view the falls from one side of

the river, the prospect from the eastern shore is recommended as preferable.

The Montmorenci and Chaudiere Falls, the village of Loretto and Lake St. Charles, together with the scenery of Orleans, a beautiful island 6 miles down the St. Lawrence, Beaufort and Point Levi, will always afford interesting excursions to the tourist at Quebec.

FROM QUEBEC TO MONTREAL.

In returning to Montreal, the traveller (as before remarked) should, if practicable, take a boat at such an hour as to give him a chance of viewing by day-light on the river the scenery which, in descending, was passed in the night.

The approach to Montreal in ascending the river is extremely beautiful. The mount behind the city clothed in a rich and unbroken foliage, the numerous adjacent country seats, the spires and edifices of the city and the beautiful woody island in front, all conspire in presenting a rich and truly diversified landscape, and one that will not be easily effaced from the memory. [*For a description of Montreal, see p. 288.*]

FROM MONTREAL* TO WHITEHALL,

Is 181 miles, and the intervening distances are as follows :

* At Montreal a stage can be taken twice a week for Danville, Vt. distant 100 miles ; from thence to the Notch in the White Mountains, 28 miles ; from thence to Concord, N. H. 75 miles ; and from thence to Boston, 68 miles. The whole route is performed in four days. [*For a description of the White Mountains, see page 334.*]

	<i>Miles.</i>		<i>Miles.</i>
Longueil, ...	2	Burlington, ...	11
Chambly, ...	13	Split Rock, ...	12
St. Johns, ...	12	Essex, ...	2
Isle Aux Noix, ...	14	Basin Harbor, ...	12
Rouse's Point, ...	10	Crown Point, ...	12
Chazy, ...	12	Ticonderoga, ...	15
Plattsburgh, ...	15	Whitehall, ...	24
Port Kent, ...	15		

From Montreal the St. Lawrence is crossed in a horse boat to Longueil,* a distance of two miles. After leaving Longueil, the country becomes remarkably level, until you reach

CHAMBLY, 13 miles distant. This is a considerable town, on the river Sorel, containing extensive barracks and some troops. In the vicinity is High Mountain, which confines between its conical summits a lake of pure water. The fort is built of stone, in a quadrangular form, and resembles in its appearance an ancient castle. From this place the road follows the river, until you arrive at

ST. JOHNS, a distance of 12 miles. This place was an important post during the French and Revolutionary wars. In the latter it was taken, after a gallant defence, by General Montgomery, as was also Chambly. It contains, at present, about 100 houses and 800 inhabitants. Though a place of considerable business, it possesses nothing in its appearance or accommoda-

*The route may be varied so as to pass through La Prairie, a village of about 200 houses, and the grand thoroughfare for trade between Montreal and St. Johns, though the route through Longueil is considered preferable.

tions inviting to a stranger. Heretofore steam-boats have left St. Johns for Whitehall only twice a week ; but as there are now three on the Lake, it is probable that a passage may hereafter be taken as often as every other day. The boats touch at all the intermediate places ; and the fare through is \$6. Proportionate deductions are made for the intermediate distances.

LAKE CHAMPLAIN,

Forms part of the boundary line between the states of New-York and Vermont. Its length is 140 miles, and its greatest breadth 14. A great proportion of the lands on the margin of the lake are still unredeemed from a state of nature, and in some places, particularly at the north end, are low and marshy. After entering the territories of the United States, the country is more populous, and under a better state of improvement. The villages seen from the lake all exhibit a cheerful and thriving appearance. The lake properly terminates at Mount Independence ; from whence to Whitehall, a distance of 30 miles, it assumes the appearance of a river, in which little more than room is left, at any point, to turn the boat. The history of Champlain involves many interesting events associated with the French and Revolutionary wars. During those periods several fortifications were constructed, which have since undergone some repairs, but are now in a state of decay. The ruins of the ancient fortresses at Ticonderoga and Crown Point are still visible.

ISLE AUX NOIX, 14 miles from St Johns. This is a strong military and naval post possessed by the English. The works are generally in good preservation ;

and are occupied by a small military corps. In the expedition against Canada in 1775, the troops under Generals Schuyler and Montgomery went down the lake in rafts and landed at this island, from whence they proceeded to St. Johns. The other detachment, under Gen. Arnold, marched by land through the present state of Maine, (then a wilderness) to Quebec.

ROUSE'S POINT, at the outlet of Lake Champlain, and 10 miles from the Isle aux Noix, contains strong stone fortifications, erected by the United States, but which, by the decision of the commissioners appointed to settle the boundary line between the American and British governments, fell within the territories of the latter.

The VILLAGE OF PLATTSBURGH, 27 miles farther, is handsomely located at the mouth of the Saranac river, on the west side of Lake Champlain. It contains about 300 dwellings, besides the court-house and prison for the county. The number of inhabitants is about 1500. This place is rendered celebrated by the brilliant victory of M'Donough and Macomb, over the British land and naval forces under Sir George Prevost and Commodore Downie. The naval engagement took place in front of the village, which overlooks the extensive Bay of Plattsburgh for several miles. Here the American Commodore waited at anchor the arrival of the British fleet, which appeared passing Cumberland Head, about 8 in the morning of the 11th of September, 1814. The first gun from the fleet was the signal for commencing the attack on land. Sir George Prevost, with about 14,000 men, furiously assaulted the defences

of the town, whilst the battle raged with increasing ardor between the fleets, then contending in full view of the respective armies. General Macomb, with his gallant little army, consisting of about 3000 men, mostly undisciplined, foiled the repeated assaults of the enemy, until the capture of the British fleet, after an action of two hours, obliged him to retire, with the loss of 2500 men, together with considerable baggage and ammunition. The American force on the lake consisted of 86 guns, and 820 men; and was opposed to a force of 95 guns, and 1050 men. Thus ended the affair at Plattsburgh, 'no less honorable to American valor than derogatory to the British arms. Commodore Downie was killed in the engagement. He was represented as a brave and skilful officer; but was opposed to the method of attack on the American flotilla. Both fleets are now dismantled, and moored at Whitehall.

A monument erected to the memory of Commodore Downie, in the church-yard at Plattsburgh, contains the following inscription:

“Sacred to the memory of GEORGE DOWNIE, Esq. A Post-Captain in the Royal British Navy, who gloriously fell on board his B. M. S. the *Confiance*, while leading the vessels under his command to the attack of the American flotilla at anchor in Cumberland Bay, off Plattsburgh, on the 11th September, 1814. To mark the spot where the remains of a gallant officer and sincere friend were honorably interred, this stone has been erected by his affectionate sister-in-law Mary Downie.”

The remains of a number of officers of both armies, who fell in the engagement, repose near the Commodore, with no monument to inform the stranger, and

with no record but tradition to denote the spot of their interment. East of Downie are five graves, occurring in the following order: Commencing south—Capt. Copeland, an American officer—Lieut. Stansbury, of the American navy—Lieut. Runk, of the American army—Lieut. Gamble, of the American navy—and a British Sergeant. On the north side of Downie are the remains of the British Lt. Col. Wellington—on the south, two British Lieutenants—on the west Capt. Purchase and four other officers, three of whom were British.

The traveller will find many objects of interest at Plattsburgh, which will warrant his continuance there for one or two days. A short distance from the village are the cantonment and breast works occupied by Gen. Macomb and his troops during the last war. A mile north is shown the house possessed by Gen Prevost as his head-quarters during the siege in 1814; between which and the village, the marks of cannon-shot on trees and other objects, are still visible. Farther onward, about 5 miles, on a hill overlooking the village of Beekmantown, is shown the spot where a sanguinary engagement took place, between the American and British troops, which resulted in the death of the British Col. Wellington, and several men of both armies. Col. W. was killed in the centre of the road, about equa-distant from the summit and foot of the hill.

McDonough's Farm, granted by the legislature of Vermont, lies on Cumberland Head, nearly east of Plattsburgh; a ride to which, around the bay, in the warm season, is refreshing and delightful.

PORT KENT, 15 miles from Plattsburgh, is a spot selected on the lake shore for a new town or village,

17 miles southerly of Plattsburgh by land, and 15 miles by water. There are a few buildings, and a wharf erected, at which passengers are landed from the steamboat. From this place may be seen, on the north, the Isle La Mott, 26 miles distant, Grand Island, the Two Sisters, Point La Roche, Cumberland Head, and Belcore and Macomb's Islands ; on the east, Stave, Providence and Hog Islands, Colchester Point, and the Green Mountains of Vermont ; on the south the village of Burlington, about 11 miles distant, with the high peak called the Camel's Rump ; the whole forming a most delightful and pleasant landscape not excelled at any other point of the lake passage. Three miles west from Port Kent, are the celebrated

ADGATE'S FALLS. They are situated on the river A'Sable, and take their name from a person residing there, who is the proprietor of some valuable mills in the vicinity. The water pours over a precipice about 80 feet in height, into a narrow channel of the river, the banks of which consist of rock, rising perpendicularly to the height of from 60 to 100 feet. At what is called the

HIGH BRIDGE, about half a mile below the falls, the channel is narrowed to 27 feet. The height of the rocks here, which are perpendicular, is 93 feet, and the water 35 feet deep. Over this chasm a bridge was once erected, by throwing timbers across ; but it is now principally in decay. The sensations produced on looking into this gulf are terrific, and the stoutest heart involuntarily shrinks from the contemplation. There is an indifferent road from the falls to the High Bridge, but with this exception the spot is yet a wilderness.

BURLINGTON, is situated on the east side of Lake Champlain, about 24 miles south-east of Plattsburgh. This is one of those beautiful villages which so often attract the notice of a stranger in the New-England states. The ground rises with a moderate ascent from the lake, and presents a slope covered with handsome houses and trees. On the highest part of the eminence, which is 330 feet above the level of the lake, stands the University of Vermont. This summit commands a noble view of the lake, and the adjacent country, for many miles. There are here 250 houses and stores, besides a bank, court-house, jail, and two churches.* About 12 miles from Burlington, in the town of Willsborough, (N. Y.) is what is called the

SPLIT ROCK. This curiosity is a part of a rocky promontory projecting into the lake, on the west side, about 150 feet, and elevated above the level of the water about 12 feet. The part broken off contains about half an acre, covered with trees, and is separated from the main rock about 20 feet. The opposite sides exactly fit each other—the prominences in the one corresponding with the cavities in the other. Through this fissure a line has been let down to the depth of 500 feet, without finding bottom.

CROWN POINT, is situated 36 miles from Burlington, on the west side of Lake Champlain. It is formed by an extensive deep bay on the west, skirted by a steep

*Travellers designing to visit Boston, frequently take a stage at this place, on a route which is noticed at page 330.

mountain, and on the north and east by the body of the lake. The elevated plain was first occupied by the French, in 1731, as a military position, and abandoned by them in 1759, when General Amherst took possession of it, and built Fort Frederick. The ruins of this fort may still be traced, being situated directly opposite to Chimney Point on the south side of the bay. After the peace of 1763, it was occupied by a subaltern and a mere safe-guard, until it was burnt by accident sometime previous to the American Revolution. In 1775 it fell into the hands of the Americans, and was afterwards evacuated by them, on the advance of Burgoyne, in 1776. A few years since a number of British guineas were found here, from the accidental crumbling of the earth from the banks, where they had been deposited.

TICONDEROGA, which has already been noticed, (*see* p. 196,) is situated 15 miles south of Crown-Point, and 24 miles north of Whitehall.

One mile from Ticonderoga, is MOUNT INDEPENDENCE, on the east side of the lake ; near the foot of which, the remains of a small battery are still to be seen. What was called the Horse-Shoe battery was on an elevation about a quarter of a mile in the rear.

Nine miles farther, the lake is contracted into four narrow channels, bounded on the west and east by lofty mountains.

SOUTH and EAST BAYS are soon reached, each of about five miles in extent. The former was taken by Gen. Dieskau and his army, in their route towards Fort Edward in 1755. From the latter bay to White-

hall, the passage is extremely narrow and of a serpentine course, and cannot be pursued in safety during a dark night.

WHITEHALL, terminates the steam-boat navigation of Lake Champlain. It is an incorporated village situated on the west bank of Wood Creek at its entrance into the lake, 73 miles north of Albany, and contains about 150 dwellings and stores and 1200 inhabitants. The situation of this place is low and unpleasant ; and it derives its principal consequence from the navigation of the lake, which is passable for sloops of 80 tons burthen, and from the northern canal, which here enters the lake. Burgoyne occupied this place for a short time, preparatory to his march to Saratoga ; and on the heights, over the harbor, are the remains of a battery and block house.

A regular line of stages runs from Whitehall* to Albany every day in the week, passing through Fort Ann, Sandy Hill, Fort Edward, Saratoga, Stillwater and Waterford. Regular packet-boats also depart for Albany every Tuesday and Saturday at 8 A. M. The fare is 4 cents per mile, including board. On the arrival of the packet-boat at Fort Edward, stages are always in readiness to start for Albany, Saratoga and Ballston Springs.

THE NORTHERN CANAL,

Commencing at Whitehall, proceeds five and a half miles when it enters Wood Creek, a narrow sluggish

*A route from this place to Boston is noticed at page 328.

stream, averaging 15 feet in depth. This creek is connected with the canal, and is rendered navigable for boats, for about 6 1-2 miles, to Fort Ann village.—From thence the canal proceeds through Fort Ann, Kingsbury, and Fort Edward, to Fort Miller Falls, below which the canal enters the river, which is made navigable 3 miles to Saratoga falls, where the canal is taken out of the river on the west side, and proceeds through Saratoga, Stillwater and Halfmoon, to Waterford, where it enters the Hudson, and by a branch canal enters the Mohawk, which it crosses by a dam, and after passing 3-4 of a mile joins the Erie canal in the town of Watervleit. The whole length of the Champlain canal is 63 miles. The cost to the state, exclusive of the feeder from above Glen's Falls, was \$875,000.

The intervening distances on the canal between Whitehall and Albany are as follows :

	<i>Miles.</i>		<i>Miles.</i>
Fort Ann,.....	12	Stillwater V.....	3
Sandy-Hill, ...	8	Mechanics Ville,....	3
Fort Edward,.....	2	Waterford,.....	8
Fort Miller Falls,...	8	Watervleit, ...	2
Saratoga Falls,....	3	Gibbon's Ville,.....	2
Schuylerville, ...	2	Albany, ...	6
Bemus' Heights,...	12		

Half a mile north of Fort Anne, where an elbow is made by Wood Creek at the foot of a precipitous hill, a severe engagement took place in 1777, between a detachment of Burgoyne's troops and a party of Americans, under the command of Col. Sterry, who were on their retreat from Ticonderoga. The Americans were on the plain south of the hill ; while the latter served

as a cover to the British. Their fire on Sterry's forces below was destructive, and compelled him to abandon his position.

The village of FORT ANNE is on the site of the old Fort erected during the French war. It was located at the north part of the village on the bank of the creek.

Burgoyne's road, commencing about 2 miles south of the village, and nearly pursuing the course of the present road, is still visible. It was a causeway, formed by logs laid transversely, a labor which became necessary in conveying his cannon and baggage waggons to Saratoga.

From Fort Anne to Albany, the intervening places, Sandy-Hill, Saratoga, &c. have already been noticed. (*See Index.*)

ROUTES TO BOSTON.

These are so various, that the traveller may always be governed by his own taste and judgment in a selection. The route from Albany has been chosen by many on account of enjoying in the excursion a visit to the Lebanon Springs ; while others have preferred a course which should embrace the rich mountain scenery of Vermont and New-Hampshire ; commencing their excursions either at Burlington, Whitehall, or at Saratoga Springs. These routes are hereafter delineated ; but without giving them in strict geographical order, we commence with that from Saratoga Springs, as passing over the most interesting ground connected with the historic events of the revolution.

FROM SARATOGA SPRINGS TO BOSTON.

161 miles. *Intervening distances as follows :*

	<i>Miles.</i>		<i>Miles.</i>
Schuyler-Ville, ...	12	Jeffrey, ...	5
Union Village, ...	5	New Ipswich, ...	10
Cambridge, ...	8	Townsend, ...	12
Arlington, ...	12	Pepperel, ...	6
Manchester, ...	12	Groton, ...	3
Landsgrove, ...	15	Littleton, ...	8
Chester, ...	15	Acton, ...	3
Bellows Falls, ...	14	Concord, ...	7
Walpole Village, . . .	4	Lexington, ...	7
Walpole, ...	4	Cambridge, ...	7
Keene, ...	14	Boston, ...	3
Marlborough, ...	5		

A stage leaves Saratoga Springs every morning (Sundays excepted) at 5 o'clock, reaching Manchester the first day, Keene the second, and Boston the third, to dine. Fare \$7,50.

SCHUYLER-VILLE, 12 miles. (*See p. 185.*) Passing across the vale where the surrender of Burgoyne took place to the river, (on the bank of which, in a field adjoining the road on the north, are seen the remains of an intrenchment,) the stage crosses in a horse-boat.

UNION VILLAGE, 5 miles. The Battenkill river passes through the village, on the banks of which are several mills and factories. There are about 100 houses in the place ; and the number is constantly augmenting.

Cambridge and Arlington are good agricultural townships. In the latter place, the route, for a considerable distance is on the bank of the Battenkill, near which are several valuable and extensive quarries of white marble.

MANCHESTER, 12 miles from Arlington, is a neat village, located near the foot of the Green Mountains, which are seen stretching to the north and south as far as the eye can extend. Leaving the village, the stage soon commences ascending the great natural barrier which separates the eastern and western sections of Vermont. No exertions have been spared to improve the road ; and it may be considered by far the best of any which crosses the mountain. The ascent, which is not precipitous, continues, with occasional descents, for 10 or 12 miles before the summit is reached. During the first six miles, a most extensive and variegated prospect at the west is enjoyed ; and after attaining the greatest elevation, this is suddenly exchanged for a prospect nearly co-extensive at the east.

CHESTER, 30 miles from Manchester, is a pleasant village, situated on a handsome plain, and contains two churches, an excellent academy, and about 60 dwellings and stores.

BELLOWS FALLS, 14 miles, lies on the western bank of Connecticut river. The village is flourishing, contains some very pleasant houses, a number of manufacturing establishments, and a beautiful church, which stands on an eminence, and is seen for some miles distant.

A canal, having 9 locks, and affording water for a number of mills, has been constructed around the falls. It is about half a mile in length. The whole descent of the river for this distance is 50 feet, and assumes the appearance of rapids rather than a cataract. Over the greatest descent, where the water is compres-

sed by ledges of rocks to a very narrow space, a handsome toll bridge is erected, 50 feet in height, from which the water is seen rushing through the pass with great rapidity, and dashing upon the rocks in the wildest disorder—presenting a scene truly sublime and interesting.

A short distance below the falls are two rocks containing specimens of Indian workmanship. On one of the rocks are the indistinct traces of a number of human faces, represented by marks in the stone, and probably intended as a memorial of their deceased friends or chieftains. That this place was once the haunt of our savage predecessors, is evident from the arrow points and bits of their earthen pots and fragments of other utensils which may be found in a short walk over the adjacent fields.*

On the New-Hampshire side is a chain of lofty mountains, which leave but a narrow passage between their base and the river. Around one of these impending barriers the road winds its course to the pleasant village of

WALPOLE, which contains about 80 houses, including some very handsome mansions. This place was the scene of many savage incursions during the French war. It was once in the entire possession of the Indi-

* From Bellows Falls, stages can be taken every day for Concord, N. H. and for Hartford, Conn. On the latter route, the course is generally near the bank of the Connecticut river, and through a most delightful country, interspersed with several elegant villages and country seats.

ans, and retaken from them by Col. Bellows, who made the first settlement in this part of the country. The scenery in this vicinity is remarkably striking and romantic. Ten miles farther is the flourishing village of

KEENE. This is one of the handsomest villages in New-England, and is situated a few miles east of the Connecticut river. It contains about 200 dwellings, a bank, a court house and gaol, 3 churches, and a population of about 2000. For a distance of 40 miles from this place no village of importance intervenes, though many handsome dwellings and rich farms are discovered on the route.

GROTON, 41 miles from Keene, is a pleasant village, containing about 100 houses and an academy; seven miles from which is the town of

CONCORD, rendered memorable as the place where the first efficient opposition was made to the British troops, in 1775. It is a large town, and contains many handsome dwellings. Eight miles from which is the town of

LEXINGTON, containing a few plain houses; but celebrated in history as the spot where the first American blood was shed in the struggle for Independence. This occurred on the 19th of April, 1775. A quantity of military stores had been collected at Concord, which the British General Gage proposed to destroy. Though secret in his operations, and though precaution had been taken the evening previous to scour the roads and secure such citizens as the British officers fell in with, yet the plan was discovered by Doctor Warren, of Boston, who sent out messengers to alarm the inhabitants and

prepare them for resistance. On the arrival the next morning at Lexington of the British troops, 8 or 900 strong, it was found that the militia of the town, to the number of 70, were in arms. Major Pitcairn, who led the British van, ordered the "rebels" to disperse. Some scattering guns were fired, which were followed by a general discharge, and continued till the militia disappeared. Eight men were killed and several wounded.*

The detachment then proceeded to Concord, a part of which took possession of two bridges beyond the town, while the remainder destroyed the military stores. A number of militia, who had collected in the vicinity, but with orders not to give the first fire, attempted to pass one of the bridges in the character of travellers. They were fired on, and two men killed. The fire was returned and a skirmish ensued, which resulted in the discomfiture of the regulars, and a precipitate retreat. Skirmishing continued during the day, and though the British received reinforcements, they were harrassed in their retreat to Bunker's Hill, where they remained secure under the protection of their ships of war.

The loss of the British, during this day, in killed, wounded and prisoners, was 273; while that of the provincialists did not exceed 90.

The blow thus struck was the precursor of more important events, and was soon followed by the battle of Breed's or (as it is generally denominated) Bunker's Hill; which is noticed in subsequent pages.

* A handsome monument now marks the spot where this action was fought, beneath which are interred the remains of the Americans who were slain.

CAMBRIDGE, is situated 7 miles from Lexington. It is a large and handsome town, but derives its importance from Harvard University, which is located here, and is one of the oldest and most celebrated literary institutions in the United States. It takes its name from the Rev. John Harvard, who died in 1638, leaving to the institution a legacy of 779*l.* 17*s.* 2*d.* sterling. The edifices belonging to the University are Harvard, Massachusetts, Hollis, Stoughton, Holworthy and University Halls, Holden Chapel, a new stone building recently erected, and 3 College houses, besides that for the President. These buildings are all situated in a spacious square, and are handsomely shaded with a variety of trees. There are annually educated here about 300 students. The amount of property belonging to the institution, it is said, falls little short of \$600,000. It contains an extensive philosophical apparatus, and a library of about 25,000 volumes. Cambridge contains 3 handsome villages, a court house, jail, state arsenal, 8 houses of public worship, and about 5000 inhabitants.

Two miles from Cambridge is the city of Boston. The two places are connected by a bridge 3846 feet long and 40 wide, with a causeway of 3344 feet. The cost of the whole was \$76,700.

[*For a description of Boston see subsequent pages.*]

FROM WHITEHALL TO BOSTON—178 miles.

A stage leaves Whitehall three times a week, passing through the villages of Castleton and Rutland, connecting at Chester with the route from Saratoga Springs, and reaches Boston the third day.

FAIRHAVEN, 9 miles from Whitehall, contains several mills and manufactories of iron, and about 50 houses.

CASTLETON, 5 miles farther, is a handsome village of 80 or 90 houses, and contains the Rutland county academy and a medical college; which are liberally patronized. The *Vermont Classical Seminary*, recently erected at this place, under the superintendence of Messrs. Beck and Foot, will doubtless ere long rank among the first literary institutions in the United States. The building erected for the purpose, is situated on an eminence south of the village, and commands an extensive view of a rich and beautiful country. It is 160 feet in length, and 40 in breadth, with projections in the centre and ends of 46 and 55 feet, and is 3 stories high, exclusive of a basement. To the building is attached a play-ground of about six acres, a part of which is to be devoted to a garden. The whole course of instruction is on a scale corresponding with that of the most favored seminaries of learning in the country.

About half a mile north of the village, at the junction of the Hubbardton with the main road, are slight remains of a fort and breast work, which were occupied during the revolutionary war; two miles north of which the Hubbardton road passes over the ground where a severe action was fought between a detachment of Burgoyne's army and a body of American troops. The latter composed the rear guard of the Americans which evacuated Ticonderoga in July, 1777, and were commanded by Col. Warner. They were about 1000 strong; and were overtaken by a force of nearly the same number under Gen. Frazer. A long, severe, and obstinate conflict ensued; when the arrival of General

Reidsell, with his division of Germans, compelled the Americans to give way in all directions. The British loss was stated by Gen. Burgoyne at 35 killed and 144 wounded; and the American loss was estimated by Gen. St. Clair at 50 killed and wounded. It is generally supposed that the loss of both armies was much greater.

The Americans retreated to the south, and took part in the Bennington battle on the 16th of August, and in the capture of Burgoyne at Saratoga in October following.

RUTLAND, 10 miles from Castleton, is the capital of Rutland county. It is situated 3 miles west of the Green Mountains, in view of Killington Peak, and for beauty of local situation is not surpassed by any village in the northern states. It contains upwards of 100 houses, a bank, a court house, and a gaol.

Ten miles from Rutland, in the town of Shrewsbury, the road reaches the foot of the Green Mountains, which are crossed in travelling 12 miles farther. No part of the passage is precipitous; though the road is less pleasant than that leading from Manchester. (See p. 323.)

CHESTER is 40 miles from Rutland; from whence the route to Boston is the same as that noticed at page 324.)

FROM BURLINGTON TO BOSTON, (*through Windsor, Vt.*)

From Burlington, Vt. where the Champlain steamboats touch in the passage up and down the lake, stages depart for Boston three times a week, passing through Montpelier and Windsor, Vt. Claremont and

Amherst, N. H., Billerica and Medford, Mass., and reach Boston on the third day. Distance 206 miles—Fare \$8. The intervening distances are as follows :

	<i>Miles.</i>		<i>Miles.</i>
Williston,.....	8	Lempster,.....	12
Richmond,.....	9	Washington,.....	7
Bolton,.....	2	Hillsborough,.....	9
Waterbury,.....	8	Francistown,.....	9
Moretown,.....	4	Mount Vernon,.....	9
Montpelier,.....	7	Amherst,.....	6
Williamstown,.....	10	Merrimack,.....	3
Brookfield,.....	8	Dunstable,.....	7
Randolph,.....	12	Tyngsborough,.....	6
Royalton,.....	3	Chelmsford,.....	7
Barnard,.....	6	Billerica,.....	4
Woodstock,.....	8	Woburn,.....	9
Windsor,.....	14	Boston,.....	10
Claremont,.....	9		

BURLINGTON. (*See page 318.*)

MONTPELIER, is situated on the Onion River, a little north of the centre of the state, 38 miles from Burlington. It is at present the seat of government, and has a state-house, court-house, gaol, and a house of public worship, besides a number of manufacturing establishments. It contains about 2000 inhabitants.

With the exception of a narrow vale, through which the river passes, the village is surrounded by lofty hills and mountains, which give it the appearance of seclusion from the rest of the world. The road for several miles previous to reaching the village, and after leaving it, is on the bank of the river, and the mountain scenery is unusually romantic.

In passing from Montpelier to Randolph, the route is on what is termed the gulph road. This gulph is six

miles in extent, between lofty mountains, with barely a sufficient space for a road and the White river, a beautifully transparent stream, exhibiting, in most instances, a bottom of white gravel.

RANDOLPH, 30 miles from Montpelier, is on a lofty ridge of land, affording some of the finest farms in the state. The village is small, but much admired for its location and neatness.

ROYALTON, 3 miles. A pleasant village.

WOODSTOCK, 14 miles, the capital of Windsor county, is a place of considerable business. The principal village, called Woodstock Green, is on the bank of the Queechy river, and contains a court house, jail, church and a marble factory—also an extensive manufactory of scythes.

WINDSOR, 14 miles, is a beautiful town on the banks of the Connecticut. The houses exhibit a very neat and handsome appearance, and stand in a fertile and richly cultivated tract of country. It contains a flourishing Female Seminary, with a number of churches, and the Vermont Penitentiary. The bridge built across the Connecticut at this place is one of the handsomest on the river. *Ascutney*, a mountain in the southwest part of the town, is 1732 feet in height, and is well worthy the attention of those who take delight in the rich and diversified prospects afforded from mountain summits.

At Windsor, the route crosses the Connecticut river into New-Hampshire, and proceeds through a fertile country, occasionally interspersed with a pleasant village, to Boston.

FROM BURLINGTON TO BOSTON,

(By way of the *White Mountains and Concord, New-Hampshire*—265 miles.*)

The intermediate distances on this route are as follows :

From Burlington to	Miles.		Miles.
Montpelier, ...	38	Winnepiseogee	
Littleton, N. H....	40	Bridge, ...	4
E. A. Crawford's,	18	Concord, ...	17 202
Notch of the White		Pembroke, ...	4
Mountains, ...	5	Candia, ...	12
Notch House, ...	2	Chester, ...	6
Crawford's Farm,	6	Londonderry, ...	5
Bartlett, ...	7	N. H. State line,..	12
Conway, ...	10 126	Andover Bridge,..	3
Six Mile Pond, ...	11	Andover, ...	4
Centre Harbor, ...	24	Woburn, ...	8
Guilford, ...	13	Medford, ...	5
Union Bridge, ...	7	Boston, ...	4 265

* Strangers designing to proceed directly to Boston from Burlington, via Concord, N. H. without visiting the White Mountains, continue on the route from Montpelier to Randolph, as noticed at p. 331, and from thence to Hanover, 25 miles, and to Concord 55 miles farther. (The route from the latter place to Boston is noticed at p. 343.) HANOVER is located on a handsome plain, half a mile from the Connecticut river, and contains the buildings of Dartmouth college and about 80 dwelling houses. The college derives its name from William, Earl of Darmouth, one of its principal benefactors. It was founded in 1769, by the late Doct. Eleazer Wheelock, and is in a flourishing condition. A medical institution is connected with the college, and is accommodated with a brick edifice, containing, besides rooms for students, a laboratory, anatomical museum, mineralogical cabinet, library and lecture rooms. The number of students educated at this college annually is between 2 and 300.

A stage can be taken at Burlington 3 times a week for Montpelier, Vt. distant 38 miles, where it is recommended to travellers to proceed to Littleton, N. H. 40 miles east of Montpelier, from whence a stage passes twice a week through the *Notch* of the White Mountains to Conway; and from thence to Portland, (Maine,) three times a week. From Littleton to Ethan A. Crawford's, at the foot of the mountains, 18 miles, about half the distance is through a cultivated country; but the remaining part is through an extensive, and, but for the road, an impenetrable forest.

The first view of the White Mountains, as distinguished from the multitude of peaks and summits which meet the eye in every direction, is obtained a short distance from Littleton; but Mount Washington is not seen till arriving near to Crawford's. The first view of these mountains is magnificent, and as they are approached they become more and more so until the bare, bleak summit of Mount Washington rising far above the immense piles which surround it, strikes the traveller with awe and astonishment. But the emotions which one receives from the grand and majestic scenery which surrounds him here, are utterly beyond the power of description. There is no single object upon which the eye rests and which the mind may grasp, but the vast and multiplied features of the landscape actually bewilder while they delight.

These mountains are the loftiest in the U. States east of the Rocky Mountains; and their heights above the Connecticut river have been estimated as follows: Washington, 5350 ft.; Jefferson, 5261; Adams, 5383; Madison, 5039; Monroe, 4932; Quincy, 4470. From

the summit of Mount Washington, the Atlantic ocean is seen at Portland, 65 miles S. E.; the Katahdin Mountains to the N. E. near the sources of the Penobscot river; the Green Mountains of Vermont on the west; Mount Monadnock, 120 miles to the S. W.; and numerous lakes, rivers, &c. within a less circumference. The *Notch* or *Gap* is on the west side of the mountains, and is a deep and narrow defile, in one place only 22 feet wide. A road passes through which is crossed by the river Saco; into which several tributary streams enter from the mountain heights, forming many beautiful cascades. Lafayette Mountain is situated in the northeast part of the township of Franconia, nearly equidistant from Mount Washington in the northeast, and Moose-Hillock in the southwest, being about 20 miles from each; and it is obviously more elevated than any other summit in sight, except the White Mountains.

At the *Franconia* Notch, near the road leading from Franconia to Plymouth, and about three miles south of Mount Lafayette, a foot path has been cleared out from the road to the top of the mountain. The point where the path commences is six miles from the Franconia iron works, and the length of it from the road to the summit is three miles; and throughout this distance it is almost uniformly steep. The ascent for the distance of about two miles is through a thick forest of hemlock, spruce, &c. Higher up, the mountain is encompassed with a zone, about half a mile in width, covered with stunted trees, chiefly hemlock and spruce. Above the upper edge of this zone, which is about half a mile from the top, trees and shrubs disappear. The

summit is composed chiefly of bare rocks, partly in large masses, and partly broken into small pieces.

The view from the top is exceedingly picturesque and magnificent. Although it is not so extensive as that from the summit of Mount Washington, yet owing to the more advantageous situation of Lafayette, being more central as it respects this mountainous region, it is not inferior to it in either beauty or grandeur. The view to the north-east, east, south and southwest, is one grand panorama of mountain scenery, presenting more than fifty summits, which when viewed from this elevation, do not appear to differ greatly in height. Some of these mountains are covered with verdure to the top, while the summits of others are composed of naked rocks; and down the sides of many of them may be seen *slides* or *avalanches* of earth, rocks and trees more or less extensive, which serve to diversify the scene. The only appearance of cultivation in this whole compass is confined to a few farms seen in a direction west of south, on the road to Plymouth, extending along the Pemigewasset branch of the Merrimack. To the west is seen the territory watered by the Connecticut and the Ammonoosuck.

At a place in the road through the Franconia Notch where the path up the mountain commences, is exhibited to the view of the traveller, on the mountain opposite to Lafayette, the *Profile* or the *Old Man of the Mountain*, a singular *lusus naturæ*, and a remarkable curiosity. It is situated on the brow of the peak or precipice, which rises almost perpendicularly from the surface of a small lake, directly in front, to the height (as estimated) of from 600 to 1000 feet. The front of

this precipice is formed of solid rock, but as viewed from the point where the profile is seen, the whole of it appears to be covered with trees and vegetation, except about space enough for a side view of the Old Man's bust. All the principal features of the human face, as seen in a profile, are formed with surprising exactness. The little lake at the bottom of the precipice is about half a mile in length, and is one of the sources of the Pemigewasset river. Half a mile to the north of this, there is another lake, surrounded with romantic scenery, nearly a mile in length, and more than half a mile in breadth. This is one of the sources of the southern branch of the Ammonoosuck, which flows into the Connecticut. These lakes are both situated in the Notch, very near the road, and near to the point where the steep ascent of Mount Lafayette commences. The northern lake is 900 feet above the site of the Franconia iron-works, and the highest point in the road through the Notch is 1023 feet above the same level. Other curiosities in this vicinity are, the *Basin* and the *Pulpit*.

The portion of the Gap, including the Notch in the *White Mountains*, which is the most sublime and interesting is about 5 or 6 miles in length. It is composed of a double barrier of mountains, rising very abruptly from both sides of the wild roaring river Saco, which frequently washes the feet of both barriers. Sometimes there is not room for a single carriage to pass between the stream and the mountains, and the road is cut into the mountain itself. This double barrier rises on each side to the height of nearly half a mile in perpendicular altitude, and is capped here and there by proud castel-

lated turrets, standing high above the continued ridges. These are not straight, but are formed into numerous zig-zag turns, which frequently cut off the view and seem to imprison the traveller in the vast, gloomy gulf. The sides of the mountains are deeply furrowed and scarred by the tremendous effects of the memorable deluge and avalanches of 1826. No tradition existed of any slide in former times, and such as are now observed to have formerly happened, had been completely veiled by forest growth and shrubs. At length, on the 28th of June, two months before the *fatal* avalanche, there was one not far from the Willey house, which so far alarmed the family, that they erected an encampment a little distance from their dwelling, intending it as a place of refuge. On the fatal night, it was impenetrably dark and frightfully tempestuous; the lonely family had retired to rest, in their humble dwelling, six miles from the nearest human creature. The avalanches descended in every part of the gulf, for a distance of two miles; and a very heavy one began on the mountain top, immediately above the house, and descended in a direct line towards it; the sweeping torrent, a river from the clouds, and a river full of trees, earth, stones, and rocks, rushed to the house and marvellously divided within six feet of it, and just behind it, and passed on either side, sweeping away the stable and horses, and completely encircling the dwelling, but leaving it untouched. At this time, probably towards midnight, (as the state of the beds and apparel, &c. shewed that they had retired to rest,) the family issued from their house, and were swept away by the torrent.

Search was, for two or three days, made in vain for the bodies, when they were at length found. They were evidently floated along by the torrent and covered by the drift wood. A pole, with a board nailed across it, like a guide post, now indicates the spot where the bodies were found. Had the family remained in the house they would have been entirely safe. Even the little green in front and east of the house was undisturbed, and a flock of sheep, (a part of the possession of the family) remained on this small spot of ground, and were found there the next morning in safety—although the torrent dividing just above the house, and forming a curve on both sides, had swept completely around them, and again united below, and covered the meadows and orchard with ruins, which remain there to this day. Nine persons were destroyed by this catastrophe, and the story of their virtues and their fate is often told to the traveller by the scattered population of these mountain valleys, in a style of simple pathos and minuteness of detail, which has all the interest of truth and incident of romance in its recital. The scene of this disaster was about 7 miles from Ethan A. Crawford's, and 2 miles from the commencement of the Notch, where Thomas Crawford, a brother of Ethan, now resides.

The number of visitors to the White Mountains has been considerably increased, on account of the interest excited by these *avalanches*. The most sublime views of them, (several of which are nearly equal to the memorable one which swept away the unfortunate Willey family,) may be seen all along for several miles, in passing through the Notch. They are also observed

from various points in the country around, extending down the sides of many of the elevated mountains ; and the astonishing effects of this extraordinary inundation are also witnessed in the great enlargement of the channels of the streams which rise in these cluster of mountains. This is the fact especially with regard to the channel of the principal branch of the Ammonoosuck, which rises near the summit of Mount Washington.

The camp which was built by Mr. Crawford for the accommodation of visitors over night, two miles and a quarter from the summit of Mount Washington, was situated near this branch, and was carried away by the swelling of the stream. A small camp has been erected in its place, but it is of little use, and affords no accommodations for lodging visitors over night.

The distance from Crawford's house to the summit of Mount Washington, is nine miles. Through a part of this distance a carriage road is now made, leaving only 4 or 5 miles to be ascended on foot. The time usually occupied in ascending the mountain, reckoning from the time of leaving Crawford's house to the time of returning to it again, is from ten to fourteen hours ; and the shortest time in which the enterprise has been performed is about eight hours.

Continuing the route through the Notch, the first house reached, is the Elder Crawford's, six miles from the "Notch house," as that once occupied by the unfortunate Willey is called. From thence to Bartlett is 7 miles. From this place to Conway, which is ten miles, there are more appearances of cultivation, particularly in the little valley through which the road pass-

es. The country around, however, is still wild and unimproved, displaying a succession of bold and lofty mountain scenery. The prospect at the village of Conway is bounded on the north and west by high mountains, and the several summits of the White Mountains, rising at 30 miles distant, are more easily distinguished than at any point near them.

FRYEBURGH, in Maine, is 10 miles from Conway, and is generally taken in the route to the White Mountains from the east. It is a considerable village, built upon a wide plain upon two broad streets, and has a respectable academy. It is chiefly interesting as being associated with the early history of our country. About a mile from the village is Lovell's pond, the scene of the bloody fight in 1725 between a gallant band of Americans under Capt. Lovell, and the remnant of the Pequawcket tribe under the renowned Chief Paugus. From Fryeburgh to Portland, distant 52 miles, the road is over a dull and uninteresting country ; but travellers designing to visit that place in connection with the White Mountains, will find it the most direct route. [*For a description of Portland, see the route from Boston to that place in subsequent pages.*]

FROM CONWAY TO CONCORD, N. H.—76 miles.

Returning to Conway, and proceeding on the route to Concord, Six Mile Pond is passed in going 11 miles, and Centre Harbor is reached in going 24 miles farther. The road, for 20 or 30 miles, is through a valley bordered with lofty mountains, exhibiting only an occasional settlement.

CENTRE HARBOR is on Lake Winnipiseogee, the largest lake in the state. It is 23 miles long and from 6 to 14 broad, and is remarkable for its beautiful and sublime scenery. From the top of RED MOUNTAIN, in Centre Harbor, 1500 feet high, and which is accessible for about two thirds of the way in a carriage, there is an extensive prospect. At the distance of 70 miles to the southwest, may be seen Mount Monadnock; at the west, the Kyarsage and Simson mountains; at the northwest the Moose-Hillock; at the north, the Sandwich mountains, with the Squam lake intervening; at the southeast, the Winnipiseogee lake, with its numerous islands, bays, and the mountains which rise from its borders, including Ossippee on the northeast, Gunstock on the south, and a semi-circular mountain at the termination of the lake at the southeast; the whole forming a vast billowy ocean of lofty mountains, with their grand intersecting curves, exhibiting a complete panorama of the sublimest mountain scenery.

SQUAM LAKE, which lies west of the mountain, is 10 miles long and 5 wide, and like the Winnipiseogee, is sprinkled with numerous small and beautiful islands. The finest of trout are caught in these lakes, and their shores abound with an abundance of game, affording to the angler and fowler ample means of employment as well as amusement.

The route from Centre Harbor to Concord, 41 miles, passes through an interesting country, affording a view of several flourishing manufacturing villages.

CONCORD is the capital of New-Hampshire. The village is principally composed of two streets on the west

bank of the Merrimack river, and contains a state house, state prison, town house, bank, several churches, 4 or 5 printing offices, and rising of 200 dwelling-houses. The state house, located near the centre of the village, is an elegant building of hewn granite, 100 feet long, with a large hall on the first floor, and the senate and representatives' chambers on the second. The building is surrounded by a spacious yard, which is enclosed with a handsome wall. The state prison, a strong building, is a short distance from the state house.

The Merrimack river is navigable for large boats from Concord to Chelmsford; from whence to Boston the communication is continued in the Middlesex canal, 28 miles long.

FROM CONCORD TO BOSTON.

Stages leave Concord every day at 7 A. M. passing through Pembroke, Hookset, Chester, Londonderry, New-Salem, Methuen, Andover, Reading, Stoneham, Medford and Charlestown, to Boston. Distance 68 miles. Fare \$3.

PEMBROKE, 4 miles from Concord, is located on the east side of the Merrimack river. It is a thriving village, and besides several handsome dwellings, contains 2 churches, an academy, 4 paper mills and a cotton factory.

HOOKESETT, 3 miles farther. The Merrimack here descends 16 feet in the course of 30 rods.

CHESTER, 15 miles, is a pleasant village, containing a flourishing Academy.

LONDONDERRY, 5 miles from Chester, is principally settled with emigrants from Ireland. It contains two small villages, two churches and an academy.

METHUEN, 18 miles farther, is situated on the north side of the Merrimack. Near the village on the Spicket creek, is a handsome fall of 30 feet. A bridge here crosses the river to

ANDOVER, which contains an extensive theological seminary and a flourishing academy. The former was founded in 1808 and has already received more than \$350,000 in contributions, principally from six families. The buildings are on a lofty eminence, and assume a very rich and handsome appearance.

LOWELL, 12 miles from Boston, is one of the largest manufacturing towns in the U. States. It is located on the Merrimack river and the Middlesex canal leading to Boston. The falls of the river at this place are 30 feet, and afford the most ample means for extensive operations by water power. The village and the first factory were commenced in 1813, and the place now assumes the character of a large bustling town, laid into streets with much taste and elegance, and the whole appearance of the place rendered peculiarly interesting from the magnificent and numerous factories and public buildings with which it is adorned.

MEDFORD, 4 miles from Boston, is on the Mystic river; 3 miles from which is the handsome village of

CHARLESTOWN. (*See p. 364.*)

BOSTON is 1 mile farther, the Charlestown bridge intervening. (*See p. 356.*)

FROM ALBANY TO BOSTON.

From Albany, stages leave daily for Boston, which is distant 164 miles, and the route is performed in two days. Fare \$8,75. One line passes through Bennington and Brattleborough, Vt., but the most usual route is through New-Lebanon, Pittsfield, Northampton, Brookfield, Worcester and Watertown.

The several stages and distances on the last mentioned route are as follows:

	<i>Miles.</i>		<i>Miles.</i>
Schodack, ...	5	Belchertown,.....	10
Nassau, ...	12	Ware,.....	9
New-Lebanon, ...	8	Brookfield,.....	8
Pittsfield, ...	9	Spencer,.....	7
Dalston,.....	6	Leicester,.....	5
Peru,.....	7	Worcester,.....	6
Worthington, ...	8	Framingham, ...	20
Chesterfield, ...	9	Weston,.....	5
Northampton,.....	13	Watertown,.....	5
Hadley, ...	2	Boston, ...	10

ALBANY, (*See p. 135.*)

NEW-LEBANON is a pleasant village in the town of Canaan, N. Y. bordering on Pittsfield, Mass. and is 25 miles from Albany. It contains a mineral spring of considerable importance, which is much frequented in the summer months by invalids. It is principally used for the purposes of bathing; but is much inferior to the Saratoga waters either as a medicine or beverage. The fountain issues from the side of a high hill, in great abundance, discharging at the rate of 18 barrels per minute; and is used as a feeder for several mills. The water is remarkably pure and soft, and is perfectly

tasteless and inodorous. Gas, in considerable quantities, escapes from the pebbles and sand, and keeps the water in constant motion. It contains small quantities of Muriate of Lime, Muriate of Soda, Sulphate of Lime, and Carbonate of Lime; and its temperature is 73 degrees of Farenheit.

Convenient bathing houses are kept in readiness at all times, for the accommodation of strangers; and there are a number of boarding establishments which, at different rates, afford proportionate fare.

Near the spring is what is called the Shakers' Village, containing a number of neat, plain buildings, generally painted yellow. The property of this society is held in common; and they are said to possess nearly 3000 acres of fertile land. Besides agricultural pursuits, they carry on several branches of manufactures, which are distinguished by excellence, of workmanship. The singular regulations and ceremonies of these people, constitute an object of attention to tourists. Nine miles from New-Lebanon is the village of

PITTSFIELD, rendered elegant from its local situation, and from the neatness of its buildings. The village contains about 160 houses, a bank, an academy, 2 printing offices and several stores. Here are annually held the Cattle Show and Fair of the celebrated Berkshire Agricultural Society, which has been incorporated by act of the legislature; and which has done more towards improving the condition of agriculture than any other institution of the kind in the Union. The show and fair, which occupy two days, never fail to impart

an unusual degree of interest, and are always attended by immense crowds of citizens.*

NORTHAMPTON is 43 miles from Pittsfield, and is one of the finest towns in New-England. It is situated a mile and a half west of Connecticut river, and was set-

* About 24 miles north of Pittsfield, in the town of Adams, there is a *Natural Bridge*, but little inferior to the celebrated natural bridge in Virginia. The excavation or gutter is in solid lime rock, 40 rods in length, varying from 50 to 60 feet in height, through which runs Hudson's Brook or the north branch of the Hoo-sic, occupying from 13 to 14 feet, which is the uninterrupted width of the cup. Over this the bridge is thrown, being 62 feet from the bed of the brook, 15 feet long 10 wide, arched beneath, and what renders it a matter of greater curiosity, the arch is perfectly smooth, and beautifully white. On the west side of the arch is a circular cut room, large enough to contain ten persons. The whole place bears the marks of being wrought by the irritation of the waters in a most workmanlike manner. For ages this cause must have operated in producing the result. In the neighborhood of the bridge the rocks are somewhat open; upon examining which, they are found leading to large caverns, worked out by the constant friction of water. The roar of water and the sublimity of the scenery, produce an indescribable sensation upon the visitor which induces him to retreat, being warned that he stands on slippery places. There are many traditions respecting the precipice—one is, that a war party of Indians, on an expedition to Brookfield, in one of the early Indian wars, was dashed to pieces on the rocks below. Some fifteen or twenty years ago, a Mr. Briggs, then a student in William's College, visited the place unaccompanied. Curiosity tempted him to explore more fully the precipice, and, by the assistance

tled as early as the year 1654. It contains a bank, 2 printing offices, court house, gaol, and 300 dwellings, some of which are very elegant. The Congregational church, which is built of wood, is considered one of the most beautiful structures in the state. There are several manufactories here; and the place exhibits an unusual degree of enterprize and wealth. The *Farmington canal* commences at this place, and extends to New-Haven, Conn. 60 miles.

MOUNT HOLYOKE, in the vicinity of Northampton, is much frequented by tourists. It is situated on the east side of the river opposite to Northampton. The height of this mountain above the level of the river is 1070 feet. In consequence of the resort to this place, which has been not less than from two to five thousand an-

of poles, he descended to the base of it. Here his eyes feasted upon the wonders of nature. His curiosity being gratified, he began to think of returning. After repeated trials he gave it up, and inscribed on the rock his farewell to his friends and the world. His voice could not reach the habitation of man, and the rocks were, to all appearance, to be his grave. He, however, began to repeat the notching in the side, which was marble, and after a painful labor of several hours, he effected his escape. But the exertion proved too much; it undermined his health, and in a few months he was conveyed to his grave. This place was discovered by a Mr. Hudson, while travelling the wilderness, a few years before the French war. He came to it in the night, where he remained, and heard the roaring of the mighty torrent beneath him. The next morning he perceived that had he advanced a few steps more he would have been plunged into eternity. From this circumstance, the brook and the falls bear his name.

nually, two buildings have been erected on its summit for the purpose of accommodating visitors with refreshments. The beautiful and extensive prospect afforded from the top of the mountain, will amply compensate the labor and difficulty of the ascent. The view embraces eminences 160 miles apart, with several beautiful villages and a rich and fertile country intervening, and is said to be unrivalled in the eastern states.

THE LEAD MINE at Southampton, 8 miles south west of Northampton, is an object of much interest, and should be visited, if practicable, in an excursion to the eastern states. The vein is 6 or 8 feet in diameter, and declines 10 or 15 degrees from a perpendicular. It has been explored to the depth of 40 or 50 feet and 30 or 40 rods in length; and the ore is found in masses from a quarter of an inch to a foot in diameter. The Journal of Science remarks, that "at the depth above mentioned, the water became so abundant that it was thought advisable to abandon a perpendicular exploration, and to descend to the foot of the hill on the east, nearly 80 rods from the vein, and attempt a horizontal drift, or adit; and ever since its commencement, eight or ten years ago, the working of the vein has ceased. This drift is now carried into the hill, on an exact level, nearly 60 rods, and the workmen told me, that not less than \$20,000 had been expended upon it. The rocks that have been penetrated, reckoning from the mouth of the drift inwards, are gneiss, the red and gray slates of the coal formation, with thin beds of coal and mica slate, and granite alternating. Probably the fundamental deposit of granite is now uncovered; and the

principal vein of galena cannot be far distant. Several small branch veins of crystalized quartz and galena have been crossed, and several specimens of these, collected by Dr. Hunt, were very rich and beautiful; the crystals of pure galena sometimes exhibit, on their faces, insulated crystals of honey colored carbonate of lime. The principal vein will be found not less, I should judge, than 150 feet below the surface; and when that time comes, it is confidently expected, not only that the proprietors will be rewarded for the great expense they have incurred, but also, that many a rich specimen will be found to ornament the mineral cabinets of our country, and to vie in beauty with the lead ores of Europe.

The mouth of the drift is 4 or 5 feet wide, and about 3 feet above the surface of the water. The water is deep enough the whole length of it, to admit the passage of a loaded boat. The person wishing to explore this internal canal, must fire a gun at the entrance, or beat heavily with a sledge on the timbers that support the soil; in 10 or 15 minutes, he will perceive a gentle undulation of the water, and soon after, a boat advancing with lighted lamps and a rower; having seated himself on the bottom of this boat, and provided himself with an additional garment, he is prepared for his subterranean expedition. As he enters the passage, he will for a moment experience, or imagine he experiences, a little difficulty of breathing. But he will soon become reconciled to his condition; and after passing about 100 feet in the excavation, for which distance the soil is supported by timbers, he will find occasionally more room, so that he can stand erect. If he looks

back, after having advanced several hundred feet, the light at the entrance will appear diminished to the size of a candle ; and before he reaches the extremity, it becomes invisible. About half way from the entrance to the end of the drift, he will pass a shaft, down which a small brook is turned, for the purpose of aiding the ventilator. When he reaches the end of the drift, he finds himself to have penetrated nearly 60 rods, chiefly into solid rock.

The miners do not quit the drift when they blast, but retire behind a breast work thrown up for the purpose. One man has been an inmate of that dark recess eight or ten years without suffering in his health.

Every mineralogist passing that way, will of course visit this drift. Intelligent gentlemen without professional views, and even ladies, not unfrequently enter this cavity."

HADLEY, 2 miles from Northampton, is one of the oldest towns in the state. It was the head quarters of the army employed for the defence of the towns on the Connecticut river, in the war with Phillip in 1675-6 ; and was, for a long time, the place of residence of the two regicides or judges, Whalley and Goffe, in the time of Charles the second. On the town being attacked by the Indians during this war, a stranger, venerable in appearance, and differing in his apparel from the rest of the inhabitants, suddenly presented himself at the head of the colonial troops, and encouraged them by his advice and example to perseverance in defending the place. To his experience in military tactics and courage, in a great measure, was a defeat of the Indians attributable. When they retreated, the

stranger disappeared ; and in those times of superstition, it was verily believed by many that he was the *guardian angel* of the place. But he was no other than Col. Goffe, who seeing the village in danger, left his concealment to unite with its inhabitants in a vigorous defence.

In connection with the history of this place, the following biographical sketch of Goffe, Whalley and Dixwell may not prove uninteresting :

On the restoration of the English monarch, Charles 2d, in 1660, several of the judges who sat on the trial of Charles 1st, were seized, condemned and executed. Others, foreseeing the result, escaped. Whalley and Goffe, two of the number, came to Boston ; where, for a time, they received the hospitality due to their rank. But on learning that several of the regicides had been executed, and that Whalley and Goffe had not been included in the act of pardon, the people who had harbored them began to be alarmed ; and the two judges abruptly departed for Connecticut. Subsequently, the King's proclamation was received, requiring their apprehension. They, however, eluded the vigilance of their pursurers, by secreting themselves in a cave and other secret places at New-Haven, where they continued, between three and four years, until their retreat was discovered by the Indians. Finding that they could no longer remain at New-Haven in safety, and that a vigilant search for them was still continued, they resolved to remove into a more secluded part of the country. A friend had succeeded in inducing the Rev. Mr. Russell, of Hadley, to receive them ; and after a toilsome journey by night, they reached his house

in October, 1664. In a chamber of this house, (which was situate on the east side, and near the centre of the present main street,) having a secret passage to the cellar, they remained undiscovered for fifteen or sixteen years. During this period, Goffe held a correspondence with his wife in England, under an assumed name; and in a letter of April, 1679, it is stated that Whalley had died some time previous, at Mr. Russell's. His bones were discovered not many years since in a sort of tomb adjoining the cellar wall of Mr. Russell's house.

Not long after Goffe and Whalley arrived at Hadley, they were joined by Col. John Dixwell, another of the judges. After remaining some time, he went to New-Haven, assumed the name of Davids, was married, had several children, and his real name was not known untill his death in 1689. He was buried in the churchyard at that place; where a coarse stone still marks the spot of his interment, with this inscription: "J. D. Esq. deceased, March 18, in the 82d year of his age—1688-9."

After the death of Whalley, Goffe travelled to the south, and no certain information relative to his fate has ever been obtained.

From Hadley to BELCHERTOWN, a pleasant village, is 10 miles, and from thence to

WARE FACTORY VILLAGE, is 9 miles farther. This place, located on the Ware river, has attained to an astonishing growth within a short time. There are few places in the country exhibiting so barren and rugged a soil as the site and lands adjacent to this flourishing little city in miniature. As you approach from the west

or east, it bursts upon the view with its long range of manufactories, its neat white houses, and glittering spires, producing the same sensation in the bosom, as the prospect of a beautiful garden in the midst of a desert. It contains several public buildings, which would be an ornament to our most flourishing inland towns of more ancient date.

BROOKFIELD, 8 miles from Ware, is a handsome town, though very little improved by any recent additions of buildings. This place was burnt by the Indians in 1675. On the first alarm, the inhabitants, in all about 70, repaired to a house slightly fortified externally with logs, and internally lined with feather beds, to check the force of musketry. This spot was soon surrounded by the enemy, and a constant fire poured upon it in all directions. But the well directed shots of the besieged kept the Indians at a considerable distance. Various devices were used by the latter for burning the building ; but their plans were thwarted by the whites, aided by a plentiful shower of rain. The attack continued for three days ; when the appearance of a body of troops from Lancaster induced the Indians to seek their own safety in a precipitate retreat. All the buildings in the village except the one fortified, were destroyed. Only one of the inhabitants, however, was killed ; while the loss of the Indians was 80.

LEICESTER, 12 miles. The village contains an academy, 3 churches and about 80 dwellings. The principal employment of the inhabitants is the manufacture of [woollen cards] ; of which a very large amount is annually made.

WORCESTER, (6 miles,) is one of the oldest and most respectable towns in the state. It contains from three to four hundred houses, generally well built. Here are also a bank, four printing offices, a court-house and a jail. A newspaper which was commenced by Isaiah Thomas some time previous to the revolutionary war, is still published here, and is the oldest paper in the Union. Mr. Thomas, who has written an elaborate history of the art of printing, resides in the village, and has been created an honorary member of many literary institutions in the United States. He has erected in the village, at very considerable expense, a handsome building, for the reception of the library and cabinet of the American Antiquarian Society, of which he is president. The library consists of about 6000 volumes, many of them of great antiquity, and the cabinet is also very valuable.

The BLACKSTONE CANAL commences at this place, and extends to Providence, R. I. Length 45 miles—expense rising of \$500,000.

From Worcester to Boston the distance is 40 miles, over a beautiful road, which passes through a rich country, variegated with villages, which increase in size and importance as the tourist advances towards the metropolis of the state.

BOSTON*

Is pleasantly situated at the bottom of Massachusetts Bay, on a peninsula of an uneven surface, two miles long, and in the widest part about one mile broad. The town owes its origin to a spirit of civil and religious liberty, which was excited to action by the persecutions that prevailed in England, during the reigns of Queen Elizabeth, and Kings James and Charles the First. Most of those who can properly be considered as *first settlers* arrived prior to the year 1643. The place was first called Trimountain, in consequence of three hills which were on the peninsula. It was afterwards called Boston, in honor of the Rev. Mr. Cotton, a minister of the first church in the town, and whose native place was Boston in England.

The harbor is one of the best in the United States. It has a sufficient depth of water for the largest vessels at all times of tide, and is accessible at all seasons of the year. It is safe from every wind, and so capacious that it will allow 500 vessels to ride at anchor, while the entrance is so narrow as scarcely to admit two ships abreast. It contains about 75 square miles, within which are upwards of 100 islands or rocks ; and receives within its bosom the waters of the Mystic, Charles, Neponset and Manatticut rivers, besides several streams of less magnitude.

*Bowen's Picture of Boston, published by A. Bowen, No. 2, Congress street, will prove a valuable guide to strangers visiting that city and its environs.

Boston is very extensively engaged in commerce, and there are probably few cities in the world where there is so much wealth in proportion to the population. The trade, too, received from an extensive inland country is very great, the facilities for approaching the city being rendered easy by means of excellent roads.

The appearance of Boston is much admired by strangers, particularly when approaching from the sea. Its streets do not exhibit so great a regularity as some other cities ; but its beautiful location and elegant public and private buildings, together with its richly ornamented grounds for promenading, render it altogether a peculiarly delightful and attractive place.

The city is divided into four local districts, called, North Boston, West Boston, South End and South Boston. From Copp's Hill, in North Boston, which is partly occupied for a church yard, the British cannonaded the town of Charlestown in 1775, during the battle of Bunker Hill, when the village was mostly destroyed by conflagration.

In the south western part of the city, and in front of the state house, is the celebrated COMMON, presenting an area of more than 75 acres, containing the Mall, a very beautiful public walk, adorned with rows of trees. This is a delightful promenade during the summer months, and is a place of general resort. In the centre of the Common is an eminence still exhibiting marks of the fortification erected by the British here during the revolution ; north of which is the Crescent Pond, a beautiful sheet of water, surrounded with trees. Near the Mall, in Mason street, is the Medical college, an edifice belonging to the Harvard University, surmounted by a dome with a sky-light and balustrade.

The *Boston Atheneum* is located near the head of Pearl street, and is a very spacious building containing appropriate rooms. The number of volumes attached to the institution is about 25,000. It also contains nearly 14,000 medals and coins, some of which are very rare and interesting. The rooms are open from 8 A. M. to 9 P. M. and can be visited by strangers introduced by subscribers.

The *Gallery of Fine Arts* is a handsome structure in the rear of the Atheneum, and is appropriated for scientific lectures, the Academy of Arts and Sciences, the Massachusetts Medical Library, a philosophical apparatus of the Mechanic Institution, and for paintings; the latter of which are exhibited in the upper story, and are generally very elegant.

Among the other literary institutions in the city are the *Massachusetts Historical Society*, who have an extensive library in a spacious apartment over the arch in Franklin street: the *Boston Library Society*, who have a collection of 6000 volumes; and the *Columbian Library*, which contains about 4,500 volumes. There are also numerous other libraries of less note. Among the benevolent institutions, are the House of Industry at South Boston, of rough dimension stone, 220 feet long, and 43 wide; the Massachusetts General Hospital, founded in 1818, which has been richly endowed by the state and individuals; and a Hospital for the Insane, the buildings of which are at Charlestown.

The first houses built in the city were plain and the streets narrow and crooked; but a few years have wrought a striking and almost incredible change; new streets have been laid out, old ones straightened and

improved, and neat brick and granite dwellings have been substituted for the ill-shapen and decaying houses of wood. The private buildings, and many of the stores recently erected, are more splendid than in any other city in the United States. In 1817, there was erected on each side of Market street, a block of brick stores more than 400 feet in length, and 4 stories high ; and on Central Wharf another immense pile of buildings was completed the same year, 1240 feet long, containing 54 stores 4 stories high, having a spacious hall in the centre, over which is erected an elegant observatory. Other costly works have been constructed which do honor to the town ; but the project which exceeded them all in boldness of design, in promise of public benefit, and in energy of execution, is that which within three or four years has been accomplished in the vicinity of Fanueil Hall Market. The extensive rows of granite stores, four stories high, constructed after the best model, bound this newly perfected enterprise. Between these two ranges of stores, stands the new Market House, at the distance of 102 feet from those on the south side, and sixty-five feet from the north. The centre part of the building is 74 by 55 feet, having a hall in the second story. The wings are each 231 feet long by 50 wide, and two stories high. They have each a portico of four columns, 23 feet high ; the shafts of granite, in a single piece. The construction of the whole is of hammered granite of a uniform color.

Among the public buildings are the State House, which is built on elevated ground, commanding a fine view of the surrounding country, and containing an el-

egant statue of Washington, which cost \$15,000 ; the new county Court-House, built of stone at an expense of \$92,000 ; the municipal Court-House ; a new stone Jail ; Fanueil Hall, where all public meetings of the citizens are held ; two Theatres, one of which (the Tremont) was erected in 1827, at a cost of about \$120,000, being 135 feet in length and about 80 in breadth, the front of Hallowell and Quincy granite, in imitation of the Ionic order, with four pilastres supporting an entablature and pediment, and elevated on a basement of 17 feet ; the Custom-House, Merchant's Hall, Boylston Market and Boylston Hall ; U. S. Branch Bank ; Concert, Julian, Corinthian, Pantheon, Washington and Chauncy Halls.

Bridges.—There are six bridges connecting Boston with the adjacent towns. Charles River bridge, which connects it with Charleston on the north, 1503 feet long ; West Boston bridge, connecting it with Cambridge Port on the west, 7810 feet long ; Cragie's or Canal bridge, between these two, connects it with Lechmere Point, 2796 feet long ; and two bridges uniting it to South Boston. The other avenue is a mill dam, nearly two miles long and fifty feet wide, across the bay on the southwest side of the city ; which not only furnishes a bridge, but puts in operation extensive tide-mills and other water works.

Churches.—There are nearly 50 churches in Boston, many of which have been built at great expense, and are very elegant. On one of the quoins at the southwest corner of the Brattle street church, of which Gov. Hancock was a benefactor, his name had been inscribed ; but it was effaced by the British soldiery during

the revolution, and the stone has been permitted to remain as they left it. A shot from the Americans on the night previous to the evacuation of Boston by the British still remains in the tower where it originally struck. In St. Paul's church, in Common street, there is an elegant monument to the memory of Gen. Warren, who was slain on Bunker Hill, and whose remains are entombed in the cemetery beneath this church.

Burial Grounds.—In the *Chapel* burial ground, north of the stone chapel, there are several ancient monuments; and among others that of Gov. Winthrop, who died in 1649. In the *Copp's Hill* ground similar mementoes of antiquity are found. In the *Granary* ground, the cenotaph erected to the memory of Doct. Franklin stands over the tomb, in which repose the remains of both his parents. The tombs of Governors Bellingham, Sumner and Sullivan are also in this ground.

The *New-England Museum*, in Court street, is probably the best in the U. States, and should be visited by every stranger before leaving the city.

Hotels.—Tremont House is the most superb hotel in Boston, and not inferior to any in the Union. It is three stories high in front and four on the wings, exclusive of the basement. The front and two circular ends facing Beacon street, and the open ground south of the building, are of Quincy granite, and surmounted by an entablature, supported by antes at each extremity. The portico, which is of the same material, is 37 feet long by 7 feet in width, and 25 feet high. Four fluted columns support the roof of the portico; the proportions of which are copied from those of the Doric portico at Athens, with the exception that the portico

of the Tremont House is di-triglyph, the intercolumniations being nearly equal. The whole number of rooms is one hundred and eighty ; and the principal entrance is nearly opposite the Tremont theatre. From the look-out above the roof of this structure, an extensive and beautiful landscape, comprising a view of the harbor and the amphitheatre of hills to the west, and of the towns of Charlestown and Chelsea to the north, presents itself.

The other principal public houses are the Exchange Coffee House, an excellent establishment, Marlboro' Hotel, Earl's Coffee House, Commercial Coffee House, City Tavern, Merchant's Hotel, Indian Queen Tavern and La Fayette Hotel.

The *Hancock House*, the former residence of Gov. Hancock, is still in good preservation in Beacon street, near the state house. There are also several ancient buildings in the vicinity of Ann street and Market square ; in one of which, opposite the Golden Key, a relative of Doct. Franklin formerly resided, to whom he was in the habit of paying frequent visits.

The population of Boston in 1742 was 16,528 ; it is now not much short of 80,000.

The number of stage coaches which regularly leave Boston, is much larger than that of any other place in the Union. There are between eighty and ninety distinct lines of stages ; which, according to their established arrangements, not including 'extras, make about 125 departures and as many arrivals daily, or more than 1500 departures and arrivals each week. For the benefit of public houses and travellers, a *Stage Register* is published, once in two months, by Messrs. Badger

er and Porter, 81 Court street, containing an account of the principal lines of stages, steam boats and canal packets in New England and New York.

The country around Boston is the admiration of every traveller of taste. The view from the dome of the state house surpasses any thing of the kind in this country, and is not excelled by that from the castle hill of Edinburgh, or that of the Bay of Naples from the castle of St. Elmo. Here may be seen at one view, the shipping, the harbor, variegated with islands and alive with business; Charles river and its beautiful country, ornamented with elegant private mansions; and more than twenty flourishing towns. The hills are finely cultivated, and rounded by the hand of nature with singular felicity.

QUINCY is 10 miles from Boston, in a southerly direction. About half a mile northwest of the village is the mansion of the late John Adams, the second president of the U. States. His remains and those of his wife repose beneath the new church at Quincy, within which a handsome monument to their memory has been erected by the late President, John Quincy Adams, with a suitable inscription.

The southwest part of the town is mostly composed of inexhaustible beds of granite, for the transportation of which a RAIL-WAY has been constructed from the beds to tide water, 3 miles long. For a great part of the distance it is on an inclination of one and a half inch to the rod, and the ordinary load drawn by a horse is between 8 and 9 tons. It will be found an object worthy the attention of strangers.

DORCHESTER, is an ancient town, about 4 1-2 miles south of Boston, having been settled in 1630. The roads are numerous and crooked, but mostly level and kept in good repair. Many fine country seats and substantial farm houses are thickly arranged on their sides. They have a town house, three congregational churches, and one for methodists. The population is about 4000. The peninsula, called Dorchester Neck, borders on Boston harbor, and a part of it is incorporated with the town of Boston. Sarin Hill, in this town, is a place of considerable resort, and the peninsula of Squantum is famous for its yearly feast of shells.

BRIGHTON, 5 miles west of Boston, was formerly a part of Cambridge, and lies between that place and Brookline. Here is held the famous Cattle Fair, which was commenced during the revolutionary war, and has been increasing in importance ever since. Most of the cattle for the supply of the Boston market are brought in droves to this place; often from 2 to 8000 a week; every Monday is the fair day, when the dealers resort thither to make their purchases.

WATERTOWN is on Charles river, 7 miles northwest from Boston, and is the seat of several extensive manufacturing establishments. The United States have an Arsenal established in this town. Fresh Ponds, one of the most enchanting retreats in the vicinity of the metropolis, lies partly in this town and partly in Cambridge.

CAMBRIDGE, 2 miles west of Boston. (See p. 328.)

CHARLESTOWN, is a place of singular shape, extending in a northwesterly direction from Boston harbor,

about 9 miles in length, and not averaging a breadth of one mile, and in some parts it is not a quarter of a mile wide. The compact part of the town is situated on a peninsula next to Boston and is laid out in regular streets. Charlestown contains a population of near 7000. It has five houses of public worship, a spacious alms house, and a handsome market house. Besides Charles River and Prison Point bridges which connect this town with Boston, there is Chelsea bridge on the Salem turnpike, and Malden bridge, both over the Mystic river. Breed's Hill and Bunker's Hill both lie within this peninsula; the former is 62 feet in height, the latter 110 feet. The U. S. Navy Yard, in this town, consists of about 60 acres of land, on which are built a large brick ware house, several arsenals, magazines for various kinds of stores, and a large brick mansion house for the superintending officer. The State Prison is at the west end of the town, and is built of granite, 200 feet by 44, of 5 stories. Extensive additions to the buildings were made in 1827. The Massachusetts Insane Hospital is delightfully situated upon Pleasant Hill, on the west side of the town.

The URSULINE CONVENT, is on Mount Benedict, about 2 1-2 miles from Boston, commanding one of the most rich and variegated prospects in the United States. The plan of education pursued here is very extensive, embracing all those attainments which are considered necessary, useful or ornamental in society. Adjoining the establishment, is a garden beautifully laid out, to which the young ladies always have access. Besides this, they are allowed, on days of recreation, to extend their walks over the whole farm, attended however by one or more of their instructors.

BREED'S HILL is situated one fourth of a mile north-east of Charlestown, and affords a pleasant prospect of Boston, (3 miles distant,) the harbor, Cambridge and its colleges, and of an extensive tract of highly cultivated country.

In the month of May, after the battle of Lexington, it was conjectured from the movements of the British army that Gen. Gage intended to penetrate into the country. It was accordingly decided by the provincial congress to attempt a defence of Dorchester Neck, and to occupy Bunker's Hill, just within the peninsula on which Charlestown stands. A detachment of 1000 men, under Col. Prescott, proceeded to execute these orders, but by some mistake, Breed's Hill, situated on the farther part of the peninsula, was selected for the proposed entrenchments.

The party under Col. Prescott proceeded in their work with so much diligence and secrecy, that by the dawn of day, they had thrown up a square redoubt of about 40 yards on each side. Day-light discovered this new work to the British, and a heavy cannonade was commenced upon it from the shipping in the river. The fire was borne with firmness by the Americans, and did not prevent them from soon constructing a breast work, which extended from the redoubt to the bottom of the hill.

“As this eminence overlooked Boston, Gen. Gage thought it necessary to drive the provincials from it. To effect this object, he detached Major General Howe, and Brigadier General Pigot, at the head of ten companies of grenadiers, and the same number of light infantry, with a proper proportion of field artillery.

These troops landed at Moreton's Point, where they immediately formed; but perceiving the Americans to wait for them with firmness, they remained on their ground until the success of the enterprize should be rendered secure by the arrival of a reinforcement from Boston, for which General Howe had applied. During this interval the Americans also were reinforced by a body of their countrymen led by Generals Warren and Pomeroy; and they availed themselves of this delay, to increase their security by pulling up some adjoining post and rail fences, and arranging them in two parallel lines at a small distance from each other; the space between which they filled up with hay, so as to form a complete cover from the musketry of the enemy.

“On being joined by their second detachment, the British troops, who were formed in two lines, advanced slowly under cover of a very heavy discharge of cannon and howitzers, frequently halting in order to allow their artillery time to demolish the works. While they were advancing, orders were given to set fire to Charlestown, a handsome village containing about 500 houses which flanked their line of march. The buildings were chiefly of wood, and the flames were quickly communicated so extensively, that almost the whole town was in one great blaze.

“It is not easy to conceive a more grand and a more awful spectacle than was now exhibited; nor a moment of more anxious expectation than that which was now presented. The scene of action was in full view of the heights of Boston and of its neighborhood, which were covered with spectators taking deep and opposite

interests in the events passing before them. The soldiers of the two hostile armies not on duty, the citizens of Boston, and the inhabitants of the adjacent country, all feeling emotions which set description at defiance, were witnesses of the majestic and tremendous scene.

“The provincials permitted the enemy to approach unmolested within less than one hundred yards of their works, when they poured in upon them so deadly a fire of small arms that the British line was totally broken, and fell back with precipitation towards the landing place. By the very great exertions of their officers they were rallied, and brought up to the charge, but were again driven back in confusion by the heavy and incessant fire from the works. General Howe is said to have been left at one time almost alone, and it is certain that very few officers about his person escaped unhurt.

“The impression to be made by victory or defeat, in this early stage of the war, was deemed of the utmost consequence; and therefore very extraordinary exertions were made once more to rally the English. With great difficulty, they were a third time led up to the works. The redoubt was now attacked on three sides at once, while some pieces of artillery, which had been brought to bear on the breast work, raked it from end to end. The cross fire too, from the ships and floating batteries, not only annoyed the works on Breed's hill, but deterred any considerable reinforcements from passing into the peninsula, and coming to their assistance. The ammunition of the Americans was now so nearly exhausted, that they were no longer able to keep up the same incessant stream of fire,

which had twice repulsed the enemy; and on this third attempt, the redoubt, the walls of which the English mounted with ease, was carried at the point of the bayonet. Yet the Americans, many of whom were without bayonets, are said to have maintained the contest with clubbed muskets, until the redoubt was half filled with the king's troops.

“The redoubt being lost, the breast work which had been defended with equal courage and obstinacy, was necessarily abandoned; and the very hazardous operation undertaken, of retreating, in the face of a victorious enemy, over Charlestown neck; where they were exposed to the same cross fire from the Glasgow man of war and two floating batteries, which had deterred the reinforcements ordered to their aid from coming to their assistance, and had probably prevented their receiving proper supplies of ammunition.”

The number of British troops engaged in this action was about 3000, and their loss in killed and wounded was 1050. The American force has been variously stated, from 1500 to 4000; and their loss, in killed, wounded and missing, amounted to 450. General Warren was among the number of the slain, and a handsome monument now marks the spot where he fell. The spot of ground on which this monument stands, was recently purchased by Dr. J. C. Warren, of Boston, a nephew of the lamented General, for the purpose, it is said, of preserving uninjured the few remaining traces of the memorable battle of '75.

The corner stone of the BUNKER HILL MONUMENT now erecting on Breed's Hill, was laid on the 15th of June, 1825: on which occasion the Marquis La Fay-

ette was present. The depth, however, proving insufficient, the foundation was subsequently re-laid ; and though the work has progressed slowly, owing to a want of funds, it is believed the whole will be completed within one or two years. The Quincy granite is used for its structure. Its base is 50 feet in diameter, and its height is to be 220 feet.

FORT INDEPENDENCE, is situated on an island at the outlet of Boston harbor, 3 miles distant ; opposite to which is Governor's Island, containing a fort erected during the late war. These two forts command the entrance into the harbor of Boston. Seven or eight miles below the light house, at the north-east extremity of the channel, where vessels enter the Atlantic.

NAHANT,

Is a peninsula running three or four miles into the sea, and is situated fifteen miles north-easterly from Boston. It is approached from the town of Lynn over a beautiful beach of a mile and a half in length. At the extremity of this beach, commences the peninsula, which is about two miles in length, and in some parts half a mile broad, although its shores are extremely irregular, and indented with small bays worn into the rocks by the unceasing action of the waves.

The surface is uneven, rising in some places to the elevation of sixty or seventy feet above the level of the sea. The shore is very bold, and presents on all sides, a grand embankment of broken massy rocks. At several points these rocks are worn into fantastic shapes, and at the time of high tide, or a swell of the sea, the roar and foam of the waters among them, pre-

sents a most interesting spectacle, which is contemplated by the quiet observer, seated on the summit above, with awe and admiration. The whole expanse of the ocean spreads out towards the east, and after a storm, the rolling waves come pouring in their immense burden upon these rocks, with such a power, sublimity and uproar of contending elements, as can hardly be conceived by any one who has not witnessed the scene. And again when the sea is tranquil, it may be seen covered with shipping of all sizes, as far as the eye can extend, moving in different directions up and down the coast, and exhibiting an animating picture of the industry and activity of commerce. In short, for picturesque beauty and sublimity of scenery, as well as for the many advantages arising from its peculiar local situation, this place is not surpassed by any on the coast.

Besides a view of the ocean, Nahant presents a great variety of other interesting prospects. On one side is seen the village of Lynn, Swanscut, Phillips' Beach, Marblehead, Egg Rock, Baker's Island, and the north shore as far as the highland of Cape Ann; on the other, Charlestown, Boston the islands in Boston harbor, part of Dorchester, Braintree, Nantucket and Scituate, with the light-houses of Boston, Scituate and Baker's Island, forming together a panorama hardly to be equalled in beauty or variety.

The peninsula extends farther into the sea than any other head land in the bay. It is distant from the nearest island in Boston harbor, to the south, seven miles—from the nearest point of the south shore, about twelve miles—from the north shore between two and

three miles. It is on this side connected with the main land by a beach a few rods wide. Thus insulated and surrounded by water, Nahant enjoys a climate and temperature very cool, and, comparatively, very equable—a circumstance of much importance to the invalid, and which will determine the choice of a great portion of those who annually leave the city for the purpose of health or amusement.

Accommodations for visitors have lately been multiplied and greatly improved. A spacious and elegant stone edifice has been erected as a Hotel, near the extremity of the peninsula, in a very commanding and pleasant situation. This building contains 70 chambers, constructed on a plan of peculiar convenience, both for families and single persons. The dining hall is sufficiently spacious to accommodate 150 persons at table, besides which there are drawing rooms and private parlors. Large and commodious stables are appended to the Hotel; and a bathing house for warm and cold baths, and floating baths for those who may prefer the bracing action of sea water, make a part of the establishment. The Hotel is surrounded by piazzas, which afford a most delightful prospect in every direction, and receive the cool and refreshing breezes every part of the day. In a small village, a quarter of a mile from the Hotel, are several private boarding houses, where every accommodation can be had for invalids and for those who seek retirement. Numerous cottages, too, have been erected by several individuals for the purpose of affording more extensive and elegant accommodations to those who may pass the summer in this delightful place of residence.

Nahant has many amusements. Angling with the rod may be enjoyed as a pleasant recreation, standing on the rocks ; and those who would try their skill in decoying larger prey, may go out in boats, which are always in readiness, and furnished with suitable apparatus. Game, too, is abundant in the vicinity. But there are few amusements or pleasures superior to that of riding, at suitable hours of the day, on the beach.

A beautiful building, in imitation of a Grecian temple, has been erected on an eminence, near the Hotel, in which are two elegant billiard rooms. There are also convenient covered bowling alleys, and such other means of amusement as are usually connected with the most extensive and elegant establishments at watering places.

On the whole, the proximity of Nahant to Boston—its facility of access—the beauty and grandeur of its scenery—and above all, the singular local advantages it affords for invigorating the constitution, the salubrity and bracing tone of its atmosphere, and the excellent accommodations it offers to visitors—will undoubtedly make it a place of general resort during the summer months, from all parts of the United States.

FORTS AROUND BOSTON,

Erected during the revolution.

The fortifications which were thrown up around Boston, which held a British army besieged during eleven months of the revolution, and which finally compelled them to carry their arms and warfare into other lands, will always be regarded as objects of interest by every stranger visiting that section of country. Many of

these works are still in fine preservation, while others have become defaced by the hand of time, or have been removed to give place to modern improvements. The following description of those remaining is extracted from Silliman's Journal, and will prove a guide to strangers in determining their localities :

At Breed's Hill, that blood-stained field, the redoubt thrown up by the Americans is nearly effaced ; scarcely the slightest trace of it remains ; but the entrenchment, which extended from the redoubt to the marsh, is still marked by a slight elevation of the ground. The redoubt thrown up by the British on the summit of the hill, may be easily distinguished.

Bunker Hill. The remains of the British fort are visible, the works must have been very strong, and occupied a large extent of ground—they are on the summit and slope of the hill looking towards the peninsula.

Ploughed Hill. The works upon this hill were commenced by the Americans on the night of August 26th, 1775, and received more fire from the British than any of the other forts ; in a few days more than three hundred shells were fired at these fortifications. A small part of the rampart remains, but the whole hill is surrounded by the mounds and fosse of the ancient fort, which has been nearly obliterated.

Cobble or Barrell's Hill was fortified, and occupied as a strong post, in the war of the revolution, by General Putnam, and, in consequence of its strength, was called Putnam's impregnable fortress. It was commenced on the night of November 22d ; and the activity of its fire is well known to those who have studied the details of the siege of Boston. This fort has been destroyed ; but the position is easily identified.

Lechmere Point Redoubt, one hundred yards from West Boston bridge, displays more science in its construction, and has a wider and deeper fosse than most of the other fortifications. It was commenced on Dec. 11th, 1775, and it was several days before it was completed, during which time it was much exposed to the fire of the English in Boston. Two or three soldiers of the revolutionary army were killed at this redoubt, and the *Prunus virginiana*, with its red berries, marks the spot where they were probably interred. Upon one angle of the fort where the cannon were pointed with most destructive effect, a church is now erected.

A causeway made across the marsh, the covered way which crosses the brow of the hill, and the lines which flanked Willis' Creek, are still perfect, and may be traced with great facility.

Winter Hill Fort appears to have been the most extensive, and the entrenchments more numerous, than any of the other positions of the American army. The fort on the hill is almost entirely destroyed; only a small part of the rampart still remains perfect.

A redoubt situated upon Ten Hill Farm, which commanded the navigation of the Mystic river, is complete, as are also some slight entrenchments near.

A redoubt, situated between Winter and Prospect Hill, has been completely carried away, and a quarry has been opened on the spot. In the general orders, issued at Cambridge, guards were directed to be stationed at White House Redoubt, and this it is believed was the post intended. General Lee is said to have had his head quarters in a farm house immediately in the rear of this redoubt.

Prospect Hill has two eminences, both of which were strongly fortified, and connected by a rampart and fosse ; about two hundred yards are quite entire ; they are ornamented with the aster, solidago, rosa, &c. ; and those who feel any curiosity about these lines, will be much gratified by the view here afforded. The forts on these hills were destroyed only a few years ago, but their size can be distinctly seen. On the southern eminence a part of the fort is still entire, and the southwest face of the hill is divided into several platforms. There are also evident marks of the dwellings of the soldiers. The extensive view from this hill, the walk on the ancient ramparts, and the sight of the various stations occupied by the American army will render this spot, at a future period, a favorite resort.

The Cambridge Lines, situated upon Butler's, Hill appear to have consisted of six regular forts, connected by a strong entrenchment. The most northerly of these forts is perfect. With the exception of one of its angles destroyed by the road, it appears as if just quit- ted by the army of America ; its bastions are entire, the outline is perfect, and it seems a chef d'œuvre of the military art.

A square fort may be seen near the southern extremity of these lines, in fine preservation ; it is in a field within two hundred yards of the road to Cambridge. The eastern rampart is lower than the others, and the gateway with its bank of earth still remains.

The second Line of Defence may be traced on the college green at Cambridge, but its proximity to the public halls may have produced some inconvenience, and it has been carefully destroyed.

A semicircular battery, with three embrasures, on the northern shore of Charles river, near its entrance into the bay, is in a perfect state of preservation. It is rather above the level of the marsh, and those who would wish to see it, should pass on the road to Cambridge until they arrive at a cross road which leads to the bank of the river; by following the course of the stream, they may arrive at this battery without crossing the marsh, which is its northern boundary and difficult to pass.

Brookline Fort, or, as it is called in the annals of the revolution, the fort on Sewall's Point, was very extensive, and would be still perfect, were it not for the road which divides it into two nearly equal parts. With this exception, the ramparts and an irregular bastion, which commanded the entrance of Charles river, are entire. The fort was nearly quadrangular, and the fortifications stronger than many of the other positions of the American army.

A Battery, on the southern shore of Muddy river, with three embrasures, is only slightly injured.

Forts at Roxbury. The lower fort at Roxbury appears to have been the earliest erected, and by its elevation commanded the avenue to Boston over the peninsula, and prevented the advance of the English troops in that direction. It is of the most irregular form, the interior occupies about two acres of ground, and as the hill is bare of soil, the places may still be seen whence the earth was taken to form the ramparts. This fortification has not been at all injured, and the embrasures may still be noticed where the cannon were placed which fired upon the advanced lines of the enemy.

On a higher eminence of the same hill is situated a quadrangular fort, built on the summit of the rock, and being perhaps their first attempt at regular fortification, it was considered by the militia of unparalleled strength, and excited great confidence in that wing of the army stationed at Roxbury.

The Roxbury lines, about three quarters of a mile in advance of the forts, and two hundred yards north of the town, are still to be seen on the eastern side of the peninsula, and may be distinguished by any person going by the nearest road to Dorchester, over Lamb's dam.

At this period it may be proper to mention the British fortifications. The lines situated upon the Neck may be seen to great advantage on the western side of the isthmus, about a quarter of a mile south of the green stores. There appear to have been two lines of entrenchments carried quite across the peninsula, and the fosse, which was filled at high water, converted Boston into an island. The mounds, ramparts and wide ditches which remain, attest the strength of the original works. The small battery on the common, erected by the British, may perhaps remain for a long period of years, as a memorial of ancient times.

The Dorchester Lines. Of these, some very slight traces may be distinguished.

Forts on Dorchester Heights. We now hasten to the last forts, the erection of which terminated the contest in this portion of the eastern states of America. It is to be regretted that the entrenchments thrown up by the army of the revolution, on the heights of Dorchester, are almost entirely obliterated by the erection of two new forts in the late war. But some traces of the

ancient works may be seen on both hills ; the old forts were constructed with more skill, and display more science than the recent works, the ramparts of which are even now falling down ; and we would gladly see them destroyed if from their ruins the ancient works could re-appear.

A noble octagonal fort and two batteries, which may be seen in perfect preservation upon the promontory, were erected after the departure of the English from Boston. The fort is situated at the point ; one battery is in the rear of the House of Industry, whose inmates will probably soon destroy it, and the other upon a rising ground immediately below the heights of Dorchester.

At *Nook Hill*, near South Boston bridge, may be seen the last breast-work which was thrown up by the forces of America during this arduous contest. Its appearance on the morning of March 17, 1776, induced the departure of the British troops from Boston in a few hours, and thus placed the seal to the independence of the New-England states. But those who would wish to see this entrenchment must visit it soon. The enemy have attacked it on three sides, and are proceeding by sap and by mine ; part of the fosse is already destroyed, and the rampart nods to its fall.

FROM BOSTON TO PORTLAND, (MAINE.)

A stage leaves Boston daily at 8 A. M. (Sundays excepted,) reaching Newburyport at 1 P. M. and Portsmouth, N. H. at 5. Leaves Portsmouth the next morning at 8, and reaches Portland at 5 P. M. Distance,

120 miles—fare \$6. The intervening distances are as follows:

	<i>Miles.</i>		<i>Miles.</i>
Lynn,*	9	York, ...	9
Salem,*	5	Kennebunk, ...	24
Newburyport, ...	24	Saco, ...	10
Portsmouth, ...	24	Portland, ...	15

LYNN is a large township, with a population of between 4 and 5000. It contains 6 churches, and many large manufacturing establishments for ladies' shoes, which are sent to the southern states and the West Indies. The Lynn beach connects the peninsula of Nahant with the main land.

This is one of the oldest towns in New-England, and several records of its early history have been recently collected and published in Boston. The author has given a mass of interesting facts and occurrences of "olden time," furnishing altogether a curious compendium, not only to antiquarians and the immediate descendants of the first settlers of that place, but to readers of every class and section of the country. All the quaintness and original simplicity of the original language has been preserved, and such remarks of the compiler introduced as are necessary to explain the meaning or increase the interest.

SALEM is considered the second town in New-England in commerce, wealth and population. It is located on a peninsula formed by two inlets of the sea, called North and South rivers. On the opposite side of North

* These places are not on the direct route from Boston to Newburyport; but it is, nevertheless, recommended to travellers to pass through them.

river is the town of Beverly, to which a bridge leads, 1500 feet in length. Marblehead is on the opposite side of South river, which forms the harbor, defended by two forts. Salem contains a court house, 3 banks, an atheneum, a museum, an orphan asylum and 17 churches. The *Square*, near the centre of the town, is a beautiful tract of ground; and is surrounded by numerous elegant private dwellings.

Salem was settled as early as 1626. Its Indian name was Naumkeag. In 1692, and for some time afterwards, several of its inhabitants became a prey to the greatest credulity and bigotry. Its prison was crowded with persons accused of witchcraft, many of whom paid their life as a forfeit for their supposed crimes. The present population of the town is from 12 to 15,000.

NEWBURYPORT is handsomely situated on the south bank of the Merrimack river, three miles from its mouth, rising on a gradual acclivity from the water. The streets are wide, and intersect each other at right angles; and many of the houses are elegant. The court-house, standing at the head of one of the principal streets leading from the river, adds much to the beauty of the place. The village contains 2 banks, 7 churches and 7,000 inhabitants, and is a place of considerable trade; though it suffered much during the restrictive system, previous to the last war.

PORTSMOUTH is the largest town and only seaport in New-Hampshire. It is located on the south side of the Piscataqua river, 2 miles from its mouth. The town contains 5 banks, an atheneum, an asylum for females, an alms-house, custom-house and 7 churches. A bridge, 2371 feet long, crosses the river at this place

to Kittery, Me. on the opposite side. On an island between the two places is a navy yard. The town is handsome in its appearance, is a place of considerable trade, and contains a population of about 8000.

In 1695, this place was assaulted by a party of Indians, and 14 of its inhabitants killed, one scalped, who recovered, and four taken prisoners. After burning several houses, the Indians retreated through what is called the *great swamp*. They were, however, overtaken the next morning by a company of militia, dispersed, and the prisoners retaken.

After leaving Portsmouth, the villages of York, Welles, Kennebunk and Saco, are successively passed, before reaching Portland; affording very little to interest, if we except an old fort about 3 miles and a half north east of Welles, and the falls at Saco, on the river of that name, which rises in the White Mountains of New-Hampshire. These falls are about 30 feet, and afford facilities for extensive manufacturing operations.

PORTLAND, the capital of Maine, and a port of entry, is a beautiful town, located on a peninsula projecting into Casco bay. This peninsula has two prominences; on one of which stands several elegant dwelling houses, and on the other an observatory. The harbor is safe, well defended, and has a light-house at its entrance. Among the public buildings in the town are an elegant court-house, a jail, custom-house, 2 banks, an academy, atheneum and 10 churches. Population, upwards of 9,000. From the observatory, an extensive prospect is had of the ocean and of the country at the north-west, terminated by the White Mountains. On Bang's and House Islands, at the entrance of the harbor, are Forts

Preble and Scammel. At the east, 32 miles distant, is seen the light-house at the mouth of the Kennebec river, with a great variety of islands intervening. West of the observatory is Fort Sumner, on a hill, with several intrenchments made during the revolutionary war.

Portland (then called Falmouth) was nearly laid in ruins in Oct. 1775. The inhabitants were required by Capt. Mowatt, of the British sloop of war *Canceau*, to surrender their arms; and on a refusal, he commenced a bombardment of the town, which lasted 9 hours, resulting in a destruction of 130 houses, three fourths of the whole number.

Stages leave Portland three times a week for the White Mountains in New-Hampshire, (*see p. 341,*) passing through Westbrook, Gorham, Standish, Baldwin, Hiram, Brownsfield and Fryeburgh to Conway, which they reach at evening. Distance 62 miles—fare \$3. From Conway, a stage leaves on Monday and Thursday mornings, passing through Bartlett, Hart's Location, over the Avalanches at the Notch of the White Mountains, through Nash and Swain's Location, Britton woods and Bethlehem to Littleton on the Connecticut river. Distance 48 miles—fare \$3. [Littleton is 17 miles below Lancaster, 100 miles north of Concord, N. H. and is located at the mouth and falls of the Ammonoosuc river. *See p. 334.*]

FROM PORTLAND TO QUEBEC—258 miles.

A new road is now forming from Portland to Quebec, principally over the route pursued by Gen. Arnold and his troops in 1775, previous to the assault of that place by Gen. Montgomery. The completion of this road will frequently induce strangers to take the state of

Maine, as well as Montreal, in their route to or from Quebec.

The intermediate distances on this route are as follows :

	<i>Miles.</i>		<i>Miles.</i>
From Portland to North		Bloomfield, ...	7
Yarmouth, ...	12	Norridgework, ...	5
Freeport, ...	6	Anson, ...	11
Brunswick, ...	9	Dead River, ...	20
Bowdointown, ...	13	Forks of Kennebeck	15
Hallowell, ...	15	River, ...	15
Augusta, ...	3	Moose River, ...	24
Sidney, ...	12	Chaudiere River, ...	37
Waterville, ...	5	Quebec, ...	60
Fairfield, ...	4		

NORTH YARMOUTH, 12 miles north of Portland, is located on Casco bay, about 35 miles from the ocean, and is a village of some magnitude, containing 4 churches, an academy and about 4000 inhabitants. The bay affords fine anchorage for vessels, and the surrounding country is picturesque and interesting.

FREEPORT, 6 miles farther, is at the head of Casco bay, and contains a population of about 2500 inhabitants.

BRUNSWICK, 9 miles. The village, which is peculiarly pleasant, is situated on the southwest bank of the Androscoggin river, at the falls, which furnish valuable seats for mills and manufactories. *Bowdoin college*, at this place, is located on an elevated and beautiful plain, enjoying a rich and diversified view of the river and surrounding country. The college originally received a donation of \$10,000 from the late James D. Bowdoin, Esq. and five townships of land from the state. It also receives \$3,000 annually from the latter.

From 130 to 150 students are yearly educated at this institution.

BOWDOINTOWN, 13 miles.

HALLOWELL, 15 miles, is a very flourishing village, on the Kennebeck river, at the head of tide water. It contains an academy, a bank, three churches, between 2 and 300 dwelling houses, some of which are very elegant, and about 3000 inhabitants. Granite is here obtained, which is considered equal to any ever discovered in the Union. Vessels of 150 tons burthen ascend the river as far this place.

AUGUSTA, 3 miles, is the seat of government of the state, and is located on both sides of the Kennebeck river, over which is a substantial bridge. A part of the village is on a very elevated plain above the river, and a part of it on its banks. Many of the dwellings exhibit much taste and elegance in their structure, and the whole appearance of the place is peculiarly inviting and pleasant.

The new *State House*, now erecting here, will be an ornament to the town and highly creditable to the munificence of the state.

SIDNEY, 12 miles farther, is a pleasant village on the Kennebeck river.

WATERVILLE, 5 miles, on the same river, is a place of considerable magnitude, containing a bank. At Teconick Falls in this town, at the head of boat navigation, there are several manufactories, and a flourishing village is springing up. *Waterville college*, under the direction of the Baptist denomination, is located in this town. It was commenced in 1818, and educates between 50 and 60 students annually for the ministry.

BLOOMFIELD, 11 miles. A pleasant village, containing a respectable academy.

NORRIDGEWORK, 5 miles, is situated on both banks of the Kennebeck river. It is the capital of Somerset county, and contains a court house and jail. The village is centrally located for the trade of a fertile back country, and is a flourishing place, containing a population of about 2000 inhabitants.

The route to Quebec continues through a less populous country for about 50 miles; when, for the remaining distance, it passes through extensive forests, with an occasional settlement only. These forests, however, are giving way to the arts of husbandry, and in a few years will doubtless be succeeded by a succession of settlements and cultivated farms.

FROM PORTLAND TO EASTPORT—287 miles.

The following are the intermediate distances:

	<i>Miles.</i>		<i>Miles.</i>
North Yarmouth, ...	12	Castine, ...	4
Freeport, ...	6	Blue Hill, ...	10
Brunswick, ...	9	Surry, ...	8
Bath, ...	7	Trenton, ...	12
Wiscasset, ...	15	Sullivan, ...	9
Newcastle, ...	11	Steuben, ...	14
Waldoboro', ...	12	Harrison, ...	8
Warren, ...	8	Columbia, ...	12
Thomastown, ...	5	Jonesboro', ...	9
Camden, ...	11	Machias, ...	9
Lincolntown, ...	7	E. Falls of Machias, ..	6
Belfast, ...	11	Denneysville, ...	23
Buckstown, ...	18	Eastport Ferry, ...	14
Penobscot, ...	13	Eastport, ...	4

The route is near the coast, and embraces an extent of highly interesting and romantic country. North-

Yarmouth, Freeport and Brunswick have already been noticed.

BATH, 34 miles northeast of Portland, is a port of entry, on the west side of the Kennebeck river, 15 miles from its mouth. The river is here a mile wide, and the town is built on an acclivity for a mile and a half in extent, and assumes a very handsome appearance from the water. It is a place of extensive business, and contains two banks, an academy, three churches, and a population of nearly 4000 inhabitants.

WISCASSET, 15 miles, is a port of entry, located on the west side of Sheepscot river, with an excellent harbor. The place contains a court house, jail, bank, insurance office, and some other public buildings, and a population of about 2500.

NEWCASTLE, 11 miles, is located on the west side of Sheepscot river.

WALDOBORO', 12 miles, is a port of entry and a place of considerable trade, containing a population of about 3000 inhabitants.

WARREN, 8 miles, is located on St. George's river, which is navigable to this place for sloops.

THOMASTOWN, 5 miles, is a place of extensive business, situated on the west side of Penobscot bay and on St. George's river, 12 miles from its mouth. The state prison of Maine is at this place, and is in a lot of 10 acres, enclosed by a solid wall, within which is an extensive quarry of limestone. There are also in the vicinity of the town inexhaustible quarries of lime and marble, of which large quantities are annually exported. The village contains a bank and a population of about

3000 inhabitants. About a mile from the village is the ancient residence of the late Gen. Knox, now in a state of decay.

CAMDEN, 11 miles, and LINCOLNVILLE, 7 miles farther, are both situated on the west side of the Penobscot bay.

BELFAST, 11 miles from Linconville, is on the same side of the bay, and is a flourishing village.

BUCKSTOWN, 18 miles, is on the east side of the Penobscot, the largest river in the state. It is navigable for large vessels to Bangor, 50 miles from its entrance into the bay.

PENOBSCOT, 13 miles, on the east side of the bay of that name.

CASTINE, 4 miles, is situated on a promontory, near the head of the east side of Penobscot bay, with a beautiful harbor stretching out before the town. Castine can be easily defended from assault; as the narrowness of the isthmus which connects it with the main land could be insulated with comparatively a small expense; added to which, strong batteries would enable it to resist any force which would probably be brought against it. This would be the more important in time of war, as an enemy in possession of the place, would have command of the intermediate country from Penobscot to St. Croix. The place was taken during the last war, and the British entrenchments on a hill above the town are still visible.

Blue Hill, Surry, Trenton, Sullivan (in which there is a bridge across Hog bay 1400 feet long) Steuben, Harrison, Columbia and Jonesborough are successively passed in travelling from Castine to

MACHIAS, a port of entry and capital of Washington county, Me. The town contains two villages ; one situated at the falls of the east branch of the Machias river, and the other at the falls of the west branch of the same stream. Between the two villages a bridge is erected across Middle river, which, with the causeway, is 1900 feet long. Machias contains a court house, jail, 2 churches, a very flourishing academy, and is a thriving place.

EASTPORT, is a port of entry on Moose island in Passamaquoddy bay. The island is 4 miles long, with a bold shore, the tide ordinarily rising here 25 feet. The town is principally built on the southern part of the island and contains a bank, 3 churches and about 2000 inhabitants. There are also fortifications in the vicinity, which were constructed during the last war. The view from the heights on the island is very extensive and romantic, taking in the bay with its numerous islands and the adjacent coast. Between Eastport and the town of Perry on the main land, a bridge has been constructed, rising of 1200 feet long. A line of steam boats is established between this place and Boston, touching at Portland, so that travellers can take either a water or land route to that city.

ROBBINSTOWN, 13 miles north-west of Eastport, located at the mouth of the St. Croix river at its entrance into the Passamaquoddy bay, is on the boundary line between the U. States and the British Province of New-Brunswick, and is opposite St. Andrews.

STAGES FROM BOSTON TO NEW-YORK,
via Hartford and New-Haven, Conn.

A stage leaves Boston, daily, at 1 P. M. ; arrives in Hartford next morning at 6, in New-Haven at 2 P. M., and in New-York at 6, second morning—distance 210 miles, fare \$11. This line meets a steam boat every day at New-Haven, except Sunday—fare through by stage and steam boat, \$10,50. A stage also leaves Boston on Sunday and Wednesday, at 3 A. M. reaches New-London, Conn. at evening, where a steam boat is taken, which reaches New-York the next morning. Another stage leaves Boston and New-Haven daily, passing through Hartford, and reaching the two first mentioned places at evening of the second day—distance 136 miles, fare \$7,50.

Either of the foregoing routes can be taken by travellers wishing to proceed *directly* to New-York ; but where leisure will permit, an excursion by the way of Providence is recommended, on the route hereafter designated. It is more circuitous, but much more interesting ; and will amply compensate the tourist for the additional time employed for the purpose.

FROM BOSTON TO PROVIDENCE, R. I.
40 miles.

A stage leaves Boston every morning at 3 o'clock, and connects with the steam boat line at Providence daily, except Sundays ; and with the steam boat line at New-London, Conn. on Wednesday and Sunday. Stages also leave Boston daily at 7 and 10 A. M., and at noon for Providence. Fare \$1. The intermediate distances follow :

	<i>Miles.</i>		<i>Miles.</i>
Roxbury, ...	2	Wrentham, ...	7
Dedham, ...	8	Pawtucket, ...	9
Walpole, ...	10	Providence, ...	4

In proceeding to Roxbury, the stage passes over what is called the Neck, a narrow strip of land, containing intrenchments noticed at p. 377. On Dorchester Heights, (*see p. 364 and p. 378,*) which are seen at the east, many of the works erected for commanding Boston and its harbor, are in tolerable preservation.

Passing the Blue Hills, 7 miles from Boston, which afford a pleasant retreat in the summer months, and a charming prospect of the surrounding country, the village of

DEDHAM is reached in going three miles farther. It is a large and beautiful town, containing a court house, jail, bank, 6 churches, and between 2 and 3000 inhabitants. Charles and Neponset rivers run through the place, and afford numerous seats for mills and manufacturing establishments.

WALPOLE 10, and WRENTHAM 17 miles from Dedham, are small villages.

PAWTUCKET, 9 miles from Wrentham, is located at the falls of the Pawtucket river; and is one of the most extensive manufacturing places in the union. It contains 10 or 12 cotton factories, several shops for making machinery, and a number of factories for other purposes. Four miles farther, over a most delightful road, is the handsome and flourishing town of

PROVIDENCE.

The settlement of this place was commenced as early as 1636, by Roger Williams. He was a puritan minister, and had been settled at Salem; but holding tenets contrary to the faith of many of his people, he was banished the jurisdiction of Massachusetts. He came to what was called by the Indians *Mooshausick*; but which, in gratitude for the providential safety he had experienced, he called PROVIDENCE. It is located on the river of the same name, just above the mouth of the Seekhonk or Pawtucket, 35 miles from the ocean, and is a port of entry. The town is built on both sides of the river, across which is an elegant bridge; and is one of the most wealthy and enterprising places in the union. Besides a great variety of extensive manufacturing establishments, it contains a court house, town house, market, hospital, 7 banks, a college, 3 academies, and several churches; and its population is not far from 17,000.

BROWN UNIVERSITY, at this place, over which the Rev. FRANCIS WAYLAND, jun. presides, was incorporated in 1769. It soon rose to a respectable rank among the literary institutions of the country; but afterwards declined. Under its present able and judicious President, however, it has attained a handsome elevation, and promises to become one of the best seats of learning in the union. The library has lately been much increased by donations from England; and the philosophical apparatus, which is extensive, is constantly improving. The college edifices, of which there are two, are located on a lofty eminence, with streets

leading thereto, richly decorated with fine mansions and elegant gardens. About a mile still farther east or north-east, stands a large building, called the Quaker College. It was built by the Friends, and is occupied as a boarding school of that persuasion, and is in excellent order. Near this, of corresponding dimensions and appearance, stands the new Alms House. A legacy of 60,000 dollars, has enabled the town to erect this noble structure.

The town abounds with the most delightful private residences. The new town, on the west side of the river, has more the appearance of a flourishing commercial city than the old. It also contains many spacious dwellings which impart to it an air of prosperity. The Hill, or East Providence, as it is called, is occupied by gentlemen's private mansions, or country seats, all advantageously located, with fine court yards in front, thickly planted with shrubbery, while highly cultivated and beautiful gardens adorn the rear, and add immeasurably to their comforts. The charming residences of Messrs. Brown, Ives, and Governor Fenner are entitled to particular notice. It was on the present domains of Governor Fenner, that Roger Williams first planted himself, and it has so happened, that from that day to this, that situation has belonged to a governor of Rhode Island.

The BLACKSTONE CANAL terminates at this place. It commences in the Blackstone river at Worcester, 45 miles distant, and pursues the valley of the river to Woonsocket falls near the Massachusetts line; from whence there is an excavation to Providence.

STEAM BOATS leave Providence six times a week for New-York—fare \$6.

STAGES, also, leave Providence three times a week for Norwich and Middletown, and daily (except Sundays) for Hartford, Conn. arriving at those places at evening. Fare to Norwich, 45 miles, \$3—to Middletown \$4—to Hartford, 74 miles, \$4. A stage also leaves Providence twice a week for New-London, Conn. distant 59 miles, connected with a steam boat line for New-York.

FROM PROVIDENCE TO NEWPORT.

Stages leave Providence daily, except Sundays, at 9 A. M. reaching Bristol at 11, and Newport at 4 P. M. Fare from Providence to Bristol, 15 miles, \$1—from Providence to Newport, 30 miles, \$2,33.

BRISTOL is a pleasant town, with a population of about 1500 inhabitants. The village is located on the east shore of the Narraganset bay, affording an excellent harbor for vessels of the largest dimensions. About 2 miles from the ferry in this town an extensive mine of anthracite coal was opened a few years since, from which very considerable quantities are annually taken.

NEWPORT is a large town, with an extensive harbor which is defended by Forts Adams and Dumplings at its entrance, and by Fort Woolcott on Goat Island, opposite the town. There is also a small battery about a mile above the town, called Fort Green. The village is about a mile in length, and rises in a gentle acclivity from the harbor, giving to it a fine appearance, when approached from the water. It contains a state-house, theatre, five banks, 11 churches, several manufactories, and a population of about 8,000.

Newport was possessed by the British for a considerable time during the revolutionary war. In 1778, under an expectation of aid from the French fleet, which had sailed into the harbor, an American force, of about 10,000 strong, commanded by Gen. Sullivan, and aided by Gen. La Fayette, made preparations for attacking the place. On the approach of the Americans, the British abandoned their outposts and retreated to their works within the town. These posts were immediately possessed by the Americans; and the most flattering prospects existed, that the allied forces would be enabled to capture the entire British army. But the French admiral, who had been a military officer, and who, by a previous arrangement, was to superintend a part of the land as well as naval operations, took offence at some of the movements of Gen. Sullivan, and refused a co-operation. While an attempt at reconciliation was going forward, a British fleet suddenly appeared off Newport, which induced the French admiral, as a precautionary measure, to sail out of the harbor. A severe storm coming on, prevented a naval engagement; and both fleets, being left in a shattered condition, at the close of the tempest, retired—the British to New-York, and the French to Newport. During this time, Gen. Sullivan had laid siege to the town; and though interrupted by the storm, in which his army suffered considerably, he had succeeded in annoying the enemy, and keeping him within the lines of the village. On the return of the French fleet, another effort was made to induce the admiral to co-operate with the Americans. But his ships had received so much injury in the gale, that he considered it necessary to repair to

Boston, pursuant to previous instructions from his government. Under these circumstances, Sullivan determined on raising the siege. A retreat was effected in the night. But on its being discovered the next morning, the Americans were pursued by the British to Quaker Hill, where a sharp contest ensued, which resulted in the loss of between 2 and 300 of each army. Sullivan afterwards retreated to Massachusetts, with little or no interruption ; and his retreat was considered fortunate, as a British re-inforcement, which arrived at Newport the day after, would have been enabled effectually to cut him off from the main land.

During the possession of Newport by the British, a bold party of men under Col. Barton, landed from a boat in the night, proceeded to the enemy's head quarters, captured Gen Prescott, and conveyed him away before they could be prevented by the land or naval forces then in the harbor.

From its elegant and healthy situation, its proximity to the ocean, and the salubrity of its climate, Newport, for several years, has been a place of considerable resort in the summer months. Were there a direct communication from this place, by stage, or steam-boat, to New-London, Hartford or New-Haven, Conn. it would add much to the convenience of tourists. But, unfortunately, for this purpose, the steam-boats which leave Providence and Newport five or six times a week for New-York, do not touch at any of the Connecticut ports ; and, in order to reach New-London by stage, it is necessary to return to Providence. Those who have travelled down by land, generally return by water.

Passing Fort Green, a prospect is soon obtained of *Mount Hope*, a few miles to the northwest. It was the former residence of

King Philip, of the Narraganset tribe of Indians, and was also the place of his death. The well known energy and enterprise of his character made him an object of great jealousy and apprehension, and he was accused of always cherishing a secret and implacable hostility towards the English. A renegado Indian subject had heightened this jealousy, by revealing to the whites the pretended hostile projects of Philip. This informer was shortly afterwards found murdered in a pond, having fallen a victim to the vengeance of his tribe. Three Indians, one of whom was a friend and counsellor of Philip, were seized by the whites tried, and on rather slight testimony executed. This outraged the pride and exasperated the passions of Philip, and a long and bloody war was the consequence. The whites, possessing more military skill, were generally victorious, and Philip was driven from his paternal domains and compelled to take refuge in the depths of forests or the glooms and thickets of swamps. At one time he was driven, with a band of followers, into the great swamp of Pocasset Neck, where the English forces did not dare to pursue him, fearing to venture into these dark and frightful recesses. They therefore invested the entrance into the neck, and began to build a fort, with the intention of starving out the foe; but Philip and his companions, leaving their women and children behind, wafted themselves on a raft over an arm of the sea, in the dead of night, and escaped away to the westward, kindling the flames of war among the tribes

of Massachusetts and the Nipmuck country, and threatening the colony of Connecticut.

One of the most faithful friends that Philip had in the time of his adversity, was Canonchet, chief sachem of all the Narragansets. Though he had forborne to take an active part in this hopeless war, yet he received Philip and his shattered forces with open arms, and gave him the most generous countenance and support. This at once drew on Canonchet the hostility of the English ; and it was determined to strike a single blow that should involve both the sachems in a common ruin. A great force was therefore gathered together from Massachusetts, Plymouth and Connecticut, and sent into the Narraganset country, in the depth of winter, when the swamps, being frozen and leafless, no longer afforded impenetrable fortresses to the Indians. Apprehensive of attack, Canonchet had sheltered the greater part of his stores, together with the old, the infirm, the women and children of his tribe, in a strong fortress, where he and Philip had likewise drawn up the flower of their forces. This fortress, deemed by the Indians impregnable, was situated upon a rising mound, or kind of island, of five or six acres, in the middle of a swamp, constructed with a judgment and skill vastly superior to the usual fortifications of the Indians ; and indicative of the martial genius of these two chieftains.

Guided by a renegado Indian, the English penetrated, through December snows, to this strong hold, and came upon the garrison by surprise. The fight was fierce and tumultuous. The assailants were repulsed in their first attack ; and several of their bravest officers were shot down in the act of storming the fortress,

sword in hand. The assault was renewed with greater success; a lodgement was effected; the Indians were driven from one hold to another; they disputed their ground inch by inch, fighting with the fury of despair; most of their veterans were cut to pieces, and after a long and bloody battle, Philip and Canonchet, with a handful of surviving warriors, retreated from the fort and plunged into the depths of the surrounding forest. The victors set fire to the wigwams and the fort; the whole was soon in a blaze; and many of the old men, the women and the children perished in the flames. This last inhuman outrage overcame the stoicism of the savage. The neighboring woods resounded with the yells of rage and despair, uttered by the fugitive warriors, as they beheld with anguish of heart, the desolation of their dwellings, and heard the agonizing cries of their wives and offspring. "The burning of the wigwams," says a contemporary writer, "the shrieks and cries of the women and children, and the yelling of the warriors, exhibited a most horrible and affecting scene, so that it greatly moved some of the soldiers."

The defeat of the Narraganset fortress, and the death of Canonchet, were fatal blows to the fortunes of King Philip. He made an ineffectual attempt to raise a head of war, by stirring up the Mohawks to take up arms; but though possessed of the native talents of a statesman, his arts were counteracted by the superior arts of his enlightened enemies, and the terror of their warlike skill began to subdue the resolution of the neighboring tribes.

With a scanty band of followers, who still remained true to his desperate fortunes, the unhappy Philip wan-

dered back to the vicinity of Mount Hope, the ancient dwelling of his fathers. Here he lurked about like a spectre, among the desolated scenes of former power and prosperity, now bereft of home and friends. Even in this last refuge of desperation and despair, a sullen grandeur seems to gather round his memory. Defeated, but not dismayed—crushed to the earth, but not humiliated, he seemed to grow more haughty beneath disaster, and to receive a fierce satisfaction in draining the last dregs of bitterness. The very idea of submission awakened the fury of Philip, and he even smote to death one of his followers who proposed an expedient of peace. The brother of the victim made his escape, and, in revenge, betrayed the retreat of his chieftain. A body of white men and Indians were immediately despatched to the swamp where Philip lay crouched, glaring with fury and despair. Before he was aware of their approach, they had begun to surround him. In a little while he saw five of his trustiest followers laid dead at his feet; a resistance was vain; he rushed forth from his covert, and made a headlong attempt at escape, but was shot through the heart by a renegado Indian of his own nation.

After leaving Fort Green, the steam-boat successively passes Prudence, Patience, Hope and Despair islands, and Providence is reached in going 20 miles from the northern extremity of the latter.

FROM PROVIDENCE TO NEW-LONDON.

56 miles.

A stage leaves Providence twice a week in the morning, passing through Centreville, West Greenwich, Hopkinton, Stonington and Mystic, and reaches New-London at evening.

CENTREVILLE, 11 miles from Providence, is a manufacturing village, containing two cotton factories, several weaving shops, and a number of small houses.

WEST GREENWICH, 2 miles.

HOPKINTON, 15 miles.

STONINGTON, 11 miles. The village is incorporated; contains a U. S. arsenal, several factories, a bank, an academy, two churches, and a population of more than 3000. It has a good harbor, and is a place of considerable trade.

The settlement of the place commenced as early as 1649. It had previously been a part of the territory of the Pequots, a powerful and warlike tribe of Indians. The early English settlers, in different parts of Connecticut, had been frequently annoyed by this tribe; and, in 1637, it became necessary to take efficient steps for their expulsion. An expedition was entrusted to Capt. Mason; who, with about 300 colonists raised in Connecticut and Massachusetts, and 200 Mohegan and Narraganset Indians, encamped on the night of the 26th of May at a place called Porter's rocks, a short distance from the present village of Stonington, and about three miles from one of the principal forts of the Pequots, which was situated on the summit of a hill. Two hours before day, the little army was in motion; and on approaching the fort, it was found that the enemy, about 700 strong, were in a profound sleep, without their usual watch, having spent the previous night in revelry and drunkenness. On a close approximation of Mason's men, a dog within the fort commenced barking, which awakened one of the Pequots; who perceiving the approach of the assailants, aroused his

comrades from their slumbers. Mason immediately advanced, and through the apertures of the pallisades poured in a fire, and then rushed in through a part of the fort slightly barricaded. Notwithstanding their confusion, the Pequots defended themselves with bravery; but having but few other weapons than bows and arrows, they were unable to withstand the assailants, who cut them down without mercy with their swords and bayonets. To render the victory complete, Mason ordered their wigwams to be fired. The blaze soon spread in all directions, compelling the besieged to ascend the pallisades; from whence more than one hundred were shot down by the assailants who had then surrounded the fort. Others attempting to break through the lines of the troops, were either shot or cut down; and several perished in the flames. The scene continued about an hour; when it was found that seventy wigwams had been destroyed, and that the ground was strewn with the bodies of between five and six hundred of the slain. Mason's loss was only two men killed and sixteen wounded.

In August, 1814, a bombardment of Stonington took place from a British 74, a frigate, a sloop of war and an armed brig; but with the aid of two 18 pounders and a 4 pounder, the inhabitants defended the place; prevented the landing of troops from barges; and finally compelled the enemy to haul off, with his brig considerably shattered.

NEW-LONDON

Is a city and port of entry. It has the best harbor in Connecticut, and is defended by Forts Trumbull and Griswold. The city is on the west bank of the Thames,

within 3 miles of its mouth, and contains a court house, 2 banks, 5 churches, and a population of between 3 and 4000. Many of the houses on the heights, back of the town, and a few in the city, are handsome; but the general appearance of the place is uninteresting.

New-London, like Stonington, was once within the territory of the Pequot Indians, and was settled at the same time. About 4 miles east of the city, on what is called Fort Hill, this nation had their strongest fortress. But slight remains of it, however, are now to be seen.

In September, 1781, after the treason of Arnold, an expedition was entrusted to his care against New-London. A strong detachment landed on both sides of the harbor at the mouth of the river. Arnold, who commanded in person the troops which landed on the west side, immediately advanced against Fort Trumbull, an adjoining redoubt, and New-London. These posts being untenable, were abandoned on his approach. Col. Eyere, who commanded the detachment which landed on the eastern side, proceeded to storm Fort Griswold, situate on Groton Hill. It was occupied by a garrison of 160 men, commanded by Col. Ledyard, a part of whom had just evacuated the works on the opposite side of the river. Ledyard defended the fort, until the British succeeded in entering the embrasures with charged bayonets. Further resistance being useless, Ledyard surrendered his sword to the British colonel; who, in defiance of every rule of civilized warfare, plunged it into the bosom of the conquered officer, and continued the carnage until the greater part of the garrison was destroyed. Eyere, however, lost his own life in the affair, and 200 of his men were either killed

or wounded. New-London was, at the same time, set on fire by the direction of Arnold, and most of its buildings and all the public stores deposited in the place, consumed in the conflagration.

Forts Griswold and Trumbull are still in tolerable preservation; and were garrisoned by the government during the late war with Great Britain.

A steam-boat leaves New-London every Monday and Friday on the arrival of the Boston stage, which is generally at 7 P. M. and reaches New-York early the next morning. Leaves New-York for New-London every Wednesday and Saturday at 3 P. M.; and continues on her trip from New-London, every Monday and Friday at 4 P. M. up the Thames river to Norwich, 14 miles distant.

Stages also leave New-London on Tuesday, Thursday and Saturday, at 8 A. M. and arrive at Hartford, at 6 P. M. passing through Waterford, Montville, Salem, Colchester, Hebron, Marlborough, Glastenbury and East Hartford. Distance 47 miles—fare \$3. This is the most direct route; but the traveller will find it interesting to take a trip up the Thames to Norwich; from whence a conveyance may be had to Hartford three times a week, as noticed hereafter.

FROM NEW-LONDON TO NORWICH,

by Steam-Boat.

Previous to the settlement of New-London, in 1648, the Thames was called the Pequot river; but at that period it received its present name. It rises in the Mashapaug pond in Union, 3 miles N. E. of Hartford, passes into Massachusetts, re-enters Connecticut, and

pursues a southerly course till it falls into Long Island Sound. It is navigable for large vessels no farther than Norwich. During the late war, while New-London was blockaded, the U. S. ships *Macedonian*, *United States* and *Hornet*, were moored in a cove above Massapeaug Point; and a small battery erected for their protection.

MOHEGAN is on the west bank of the Thames, 4 miles south of Norwich, and is the residence of about 300 Mohegan Indians, the only remnant of that once powerful tribe, who formerly owned this section of country. On *Horton's Hill*, not far from this place, the lines of an old Indian fort can still be traced.

TRADING COVE, about 1 mile farther, is a bay extending a short distance into what was once the Indian country, and derived its name from the traffic which was here carried on between the colonists and the Mohegans. The residence of Uncas, their sachem, and early friend of the whites, was near this cove, now the centre of the Indian reservation.

NORWICH

Is an incorporated city. It contains three compact settlements; of which Chelsea Landing, situate at the point of land between the Shetucket and Yantic rivers, is the principal. Its location is peculiarly romantic; and it is a place of much enterprise and business. What is called the Town is 2 miles northwest of Chelsea, containing the court house and some other public buildings; and the third settlement is Bean Hill, in the western part of Norwich. The city contains a bank, 4 or 5 churches, and several manufacturing establish-

ments. The Yantic falls, 1 mile from Chelsea, are handsome, and afford facilities for mills and manufactories. From a rock 70 or 80 feet in height, which overhangs the stream, tradition says a number of Narragansets once precipitated themselves when pursued by the Mohegans.

Settlements were commenced at Norwich as early as 1660. A part of the town was first conveyed to Thomas Leffingwell, a colonial militia officer, by the sachem Uncas, in consideration of services rendered him in a war with a neighboring tribe. A fort belonging to Uncas, on the Pequot river, was closely besieged by the Narragansets; and the provisions being nearly expended, it was reduced to the last extremity. In this situation, Uncas contrived to notify the English at Saybrook fort of his distressed condition. Leffingwell, who commanded that fort, immediately conveyed to the besieged a supply of provisions; which being soon known to the assailants, they were induced to raise the siege. For this generous conduct of Leffingwell, Uncas conveyed to him the land about the fort, and afterwards gave him a formal deed of a township, embracing most of the present town of Norwich.

On an elevated bank north of what is called the *Cove*, and near the Yantic falls, is the burying ground of the royal family of the Mohegans, commonly called "the burying ground of the Uncasses." Many of their graves are still designated by coarse stones; on some of which are English inscriptions. Uncas was buried here, and many of his decendants; but his family is now nearly extinct. There are one or two living who claim a kindred; but who have very little of the magnanimity or valor for which he was so conspicuous.

The *Platan* near the burying ground, was the summer residence of the Mohegans, and is a most delightful spot.

FROM NORWICH TO HARTFORD.

Stages leave Norwich on Tuesday, Thursday and Saturday at 8 A. M., and arrive at Hartford at 8 P. M. Distance 39 miles—fare \$2,50. The intermediate distances and places are as follows :

	<i>Miles.</i>		<i>Miles.</i>
Bozrah, ...	5	Bolton,.....	4
Lebanon, ...	4	East Hartford, ...	13
Coventry, ...	12	Hartford, ...	1

EAST HARTFORD is located on the east bank of the Connecticut river, directly opposite Hartford, with which it is connected by an elegant bridge, which, including the cause-way, is nearly a mile long. The village contains 4 churches, several manufacturing establishments, and between 2 and 3000 inhabitants.

HARTFORD.

A settlement was commenced by the English at this place in 1634. The Dutch, from New-Netherlands, had previously established a trading house and port at the place, for the purpose of carrying on a commerce with the Indians, and were disposed to prevent the English from participating in the traffic. But finding that this could not be effected, without a bloody contest, they abandoned the design.

The charter which was originally granted to the colonists of Connecticut, having been demanded by the English monarch in 1686, through the medium of an agent, it was reluctantly surrendered by the colonial

legislature. This took place in an evening ; and while it remained on a table in a room where an agent and several British officers had assembled, the windows being open, on a preconcerted signal, the candles were extinguished by persons in the street, and the charter seized by a citizen in the room, and conveyed to a tree ; in the cavity of which it remained for several years. This tree is still standing ; and is known by the name of the *Charter Oak*. It is located in the lower part of the town in the street running east from the south church, and is directly in front of the ancient mansion of the Wyllis family. The charter is still preserved in the office of the secretary of state.

Hartford is now the largest city in the state. It is located on the west bank of the Connecticut river, at the head of sloop navigation, and 50 miles from its mouth. The city is handsomely laid out, and contains a number of elegant buildings and private residences. Among its public buildings, are a state house, arsenal, 3 banks, a museum, an academy, a college, an asylum for the deaf and dumb, an asylum for the insane, and 7 or 8 churches. Population, between 8 and 9000. The principal public houses are Bennet's, Morgan's and Ripley's.

Washington College is in Main-street, in the south part of the city. It was opened in 1824, and consists of two edifices ; one of which is 150 feet long and 4 stories high, and contains the rooms of the students. In the other is the chapel, recitation rooms and library.

The Deaf and Dumb Asylum is on Tower Hill, one mile west of the city ; and was the first institution of the kind established in the United States. It is under

the direction of Mr. Gallaudet, a gentleman eminently qualified for the station. He is assisted by Mr. Le Clerck, who is deaf and dumb, but a man of distinguished talents. The permanent fund of the institution, including a donation of land by Congress, amounts to \$215,539 ; of which sum \$80,000 are available. The number of pupils is generally about 70 ; many of whom are supported by public and private charities.

A visit to the institution is unusually interesting. The utmost order and decorum prevail ; and the stranger will be delighted with the means here employed for enlightening and cultivating the minds of an unfortunate class of the community ; and with the rapid improvement they make, not only in writing, but in a study of many of the sciences. Every thing is communicated by means of signs. After being taught the mode of conveying the most necessary ideas, they proceed to study the alphabet employed at the institution ; then the names of visible objects, and the order of the letters used in designating them ; and finally a knowledge of absent objects and abstract ideas, by means of ingenious devices and definitions. Many soon attain a knowledge of writing correctly ; and some are enabled to communicate their ideas in chaste and even elegant language.

The new Exchange Buildings, on the corner of Main and State streets, are deserving of notice, as a specimen of good taste, and is ornamental to the city.

The New City Hall is an elegant structure, creditable to the taste and munificence of the inhabitants.

The new Episcopal Church, and the *High School* in Washington-street, occupy a prominent place. The

latter is delightfully situated on a commanding eminence, and ranks in spaciousness and beauty with the most favored establishments of the kind in other cities. The Episcopal Church is a monument of liberal public spirit guided by good taste, and is surpassed in design and execution by few, if any similar buildings in our country.

The Hospital for the Insane, is a stone building, 150 feet long and 50 wide, 4 stories high, with wings of 3 stories. It is located a little south of the city.

Hartford has undergone a surprising change within a few years. Its streets have been greatly improved; many of its old buildings have given place to new and elegant dwellings, and the whole appearance of the city exhibits an unusual degree of enterprise and prosperity.

STEAM BOATS.

A steam boat leaves Hartford for New-York on Monday, Wednesday, Thursday and Saturday, at 11 A. M. reaching New-York the next morning; and leaves New-York on Monday, Tuesday, Thursday and Friday at 4 P. M. reaching Hartford the next day at noon.

STAGES.

To New-Haven and New-York.—A stage leaves Hartford every morning, (Sundays excepted) which reaches New-Haven at noon, and New-York the next morning. Fare to New-Haven, 40 miles, \$2; to New-York, 123 miles, \$5,50.

To Boston.—A stage leaves daily (Sundays excepted) at 6 A. M. and reaches Boston at 12 at night. Distance, 136 miles—fare \$5,50.

To Litchfield, Ct.—A stage leaves Hartford on Monday, Wednesday and Friday at 8 A. M. and arrives at Litchfield at 3 P. M.—Distance 30 miles, fare \$2.

To Hanover, N. H. (up Connecticut river.)—A stage leaves Hartford daily, (except Sundays) arrives at Brattleborough, Vt. the first day, and Hanover, N. H. the second—passing through Windsor, Ct. Springfield, Northampton, Deerfield, and Greenfield, Mass. Brattleborough and Westminster, Vt. Walpole and Charlestown, N. H., Windsor and Hartford, Vt. to Hanover. [This line intersects the daily stage for Boston at Northampton, and the daily stage for Saratoga Springs at Charlestown.] Distance from Hartford to Hanover, 152 miles—fare \$7.25.

To New-London.—A stage leaves Hartford on Sunday, Wednesday and Friday at 8 A. M. and reaches New-London at 5 P. M.—Distance 47 miles—fare \$3.

To Albany.—A stage leaves Hartford and Albany every morning (Sunday excepted) at 2, and arrives at each place at 7 P. M.—Distance 96 miles—fare \$5.

FROM HARTFORD TO NEW-HAVEN.—40 miles.

The intermediate places and distances are as follows :

	<i>Miles.</i>		<i>Miles.</i>
Wethersfield, ...	4	Durham, ...	7
Rocky Hill, ...	3	Northford, ...	8
Middletown, ...	8	New-Haven, ...	10

WETHERSFIELD is located on the west bank of the Connecticut river, 4 miles below Hartford. The soil, which is of the finest order, is principally devoted to the culture of onions ; of which large quantities are exported annually. The labor is principally performed by women and children. The new penitentiary of the state is erected at this place.

ROCKY HILL, 3 miles ; a parish in the town of Wethersfield, containing a lofty eminence, from which a rich and variegated prospect of the surrounding country is enjoyed. Six miles farther is a village, called Middletown Upper Houses ; from which to the city of Middletown is 2 miles.

MIDDLETOWN,

A port of entry, is handsomely located on the west bank of the Connecticut river, 31 miles from its mouth. Among its public buildings are a court house, jail, alms-house, bank, 10 churches, and a military academy. There are also several extensive manufactories of rifles, swords, buttons, ivory combs, woollen and cotton goods, &c. The population of the city is about 3500. Francis', Swathel's, and Boardman's are among the best public houses.

Capt. Patridge's Military Academy is pleasantly situated a short distance from the city. The two principal buildings are each 150 feet long, 50 broad and 4 stories high. There is also a chapel, with recitation rooms above, and a dining hall. The latter is 120 feet long, and faces the parade. The whole assumes a very handsome and imposing appearance ; and from the top of the chapel may be had an extensive view of the surrounding country. The course of instruction is similar to that pursued at the military academy at West Point. The scholars wear the uniform of cadets ; and, besides other sciences, are taught the use of arms, and are subject to a strict military discipline.

On the eastern bank of the Connecticut, opposite to Middletown, are several quarries of free stone, used for

building. Immediately below the city, the river turns abruptly to the west; and passes between two lofty hills, forming what are called the Narrows. Within these Narrows, on the south bank of the river, is a lead mine, which was used during the revolutionary war. It can be approached only in boats or by means of a foot path.*

In proceeding on the stage route to New-Haven, the only object witnessed worthy of remark, is a *natural ice house* in the parish of Northford, 13 miles from Middletown, and 7 from New-Haven. It is on the declivity of a trap ridge near the road; and contains ice throughout the year.

A natural ice house, of still greater extent, is in the town of Meriden, on another route from Hartford to New-Haven, and nearly equa-distant from those places. The Journal of Science remarks, that it is in a country composing "a part of the secondary trap region of Connecticut, and is marked by numerous distinct ridges of green stone, which present lofty mural precipices, and from their number, contiguity and parallel-

* Continuing a course down the river, the steam boat successively passes Middle Haddam, Haddam, East Haddam, Essex or Pettipaug, and Saybrook, where the river enters Long Island Sound. The shores are generally bold and rocky, and present but few objects of interest. Saybrook was the first town settled on the river; at which time (1635) a small fort was erected at the place. The town was originally granted to Lord Say and Seal, Lord Brook and others; and derived its name from these proprietors. Yale College was located here for a time, and afterwards removed to New-Haven.

ism, they often form narrow precipitous defiles, filled more or less with fragments of rocks of various sizes, from that of a hand stone to that of a cottage. These fragments are the detritus or debris of these mountains, and every one in the least acquainted with such countries, knows how much they always abound with similar ruins.

In such a defile the natural ice house in question is situated. On the south-western side, there is a trap ridge of naked perpendicular rock, which, with the sloping ruins at the base, appears to be 400 feet high; the parallel ridge which forms the other side of the defile is probably not over 40 feet high, but it rises abruptly on the eastern side, and is covered by other wood, which occupies the narrow valley also. This valley is, moreover, choked in an astonishing degree with the ruins of the contiguous mountain ridge, and exhibits many fragments of rock which would fill a large room. As the defile is very narrow, these fragments have, in their fall, been arrested here, by the low parallel ridge, and are piled on one another in vast confusion, forming a series of cavities which are situated among and under these rocks. Many of them have reposed there for ages, as appears from the fact that small trees, (the largest that the scanty soil, accumulated by revolving centuries can support) are now growing on some of these fragments of rock. Leaves also and other vegetable ruins have accumulated among the rocks and trees, and choked the mouths of many of the cavities among the ruins. This defile, thus narrow and thus occupied by forest, and by rocky ruins, runs nearly N. and S. and is completely impervious to

the sun's rays, except when he is near the meridian. Then, indeed, for an hour, he looks into this secluded valley, but the trees and the rocks and the thick beds of leaves scarcely permit his beams to make the slightest impression.

It is in the cavities beneath the masses of rocks already described, that the ice is formed. The ground descends a little to the south, and a small brook appears to have formed a channel among the rocks. The ice is thick and well consolidated, and its gradual melting, in the warm season, causes a stream of ice cold water to issue from this defile. This fact has been known to the people of the vicinity for several generations, and the youth have, since the middle of the last century, been accustomed to resort to this place, in parties, for recreation, and to drink the waters of the cold-flowing brook."

NEW-HAVEN,

Is usually pronounced by travellers, to be one of the handsomest towns in the Union. It is located around a harbor which sets up about 4 miles from Long Island Sound ; and is the semi-capital of the state. The city is built on a large plain, encircled on all sides, except those occupied by the water, by hills and lofty mountains. It is divided into two parts, called the old and new townships ; in each of which is an open square. The houses are generally neat, and some are very elegant. To each dwelling, there is generally attached a garden, and frequently a beautiful yard in front. Added to which, several of the streets are adorned with lofty trees, giving to the whole a rural and most de-

lightful appearance. Among the public buildings are a state house, the college edifices, 5 churches, a court house, jail, 2 banks, a custom house and 3 or 4 academies. The population is between 11 and 12,000.

The Public Square or Green, near the centre of the city, is an elegant spot, containing several acres, and is surrounded by stately elms. In the centre are three churches and the state house; on the west side, the college buildings; and on the east side, fronting the state house, the Tontine Coffee House. The space immediately in the rear of the churches, called the Upper Green, was formerly used as a burying ground; but in 1821 the monuments were removed to the new burying ground, in the northwestern part of the city. The ancient monument of Dixwell, (*see p. 352,*) is still to be seen, and it is believed by many that the other regicides, Goffe and Whalley, were also interred here; but this opinion is unsupported by evidence. Goffe died at Hadley, and was probably buried there; and of Whalley no certain information was ever obtained after he left Hadley.

Yale College was founded in 1701, and was named after its early benefactor, Elihu Yale, governor of the East India Company. It was originally located at Killingworth; afterwards removed to Saybrook, (*see p. 413*); and from thence, in 1717, to New-Haven. The faculty is composed of a president, 10 professors, a librarian and 8 tutors. The library consists of about 10,000 volumes; and the literary societies among the students have libraries amounting, collectively, to 5000 more. The cabinet of minerals is very extensive, and by far the most valuable of any in the Union. The college buildings consist of four spacious edifices, each

4 stories high, 104 feet long and 40 wide, and each containing 32 rooms for students ; two chapels, one containing a philosophical chamber ; a Lyceum, containing the library and recitation rooms—all of brick ; and a handsome dining hall in the rear of the other buildings, built of stone. Seven of these buildings stand in a line fronting the green, the Lyceum occupying a central position ; and the whole, with the charming scenery around, form a most enchanting and elegant landscape. The medical institution fronting College street, is connected with the college, and has a valuable anatomical museum. The number of students at Yale is generally from 450 to 500. The alumni of the institution amounted, in 1826, to upwards of 4000 ; of whom more than 2200 were then living.

The New Burying Ground, containing several acres, is divided into parallelograms, which are subdivided for families. The ground is planted with trees, mostly willows ; and the white monuments, several of which are obelisks, seen through the foliage, with the taste and uniformity every where discovered, give to the whole a most impressive and solemn appearance.

The Tontine Coffee House, kept by Mr. Andrews, is one of the best establishments of the kind in the U. S. It is located directly in front of the state house and college edifices, the public square intervening, commanding from its upper or fourth story, a beautiful and extensive view of the city and the surrounding country. The Tontine, which is built of brick, is 80 feet long, with a wing extending back 100 feet. It contains a spacious dining hall, cotillion room, 8 private and public parlours, and a sufficient number of lodging chambers to accommodate from 80 to 100 guests. It is kept

in the best style, and is entitled to the most liberal patronage.

West Rock is 2 miles north-west of New-Haven. It is the southern extremity of the east ridge of the Green Mountains, and is a perpendicular bluff fronting the south, 400 feet in height. The village of Hotchkissstown is at its foot. The cave in which the regicide judges, Whalley and Goffe, secreted themselves for three or four years, (*see p. 352,*) is on the summit of the rock, about a mile north of the bluff. The cave is formed by the crevices between several large rocks, apparently thrown together by some convulsion, and is entirely above ground. Near the top of one of the rocks is this inscription: "Opposition to tyrants is obedience to God." During the continuance of the regicides at this place, they were furnished daily with food by a family who resided near the foot of the mountain.

East Rock is 2 miles north east of New-Haven, and is the southern termination of the Mount Tom range of mountains. It is 370 feet high; and from its top a fine view is had of New-Haven, its harbor, the Sound and Long Island. It was for some years the residence of a hermit, who was found dead in his habitation a few years since.

The Farmington Canal, which was originally commenced at the north line of the state, terminates at New-Haven—distance 58 miles, lockage 218 feet. This canal has since been extended to Northampton, Mass. between 20 and 30 miles farther; and a branch has been constructed from Farmington up the Farmington river, to New-Hartford, 15 miles.

The towns bordering on the Sound, near New-Haven, are visited in the summer months by numerous

invalids for the benefit of the sea breeze and a salubrious climate. Among these towns, GUILFORD, 15 miles east of New-Haven, is generally preferred. It has two harbors, is a place of considerable trade, and is constantly supplied with the best of oysters, lobsters and fish, taken in and near the harbors.

Steam Boats ply between New-Haven and New-York daily, leaving the former place at 8 P. M. and the latter at 7 A. M. The passage is generally performed in 8 or 9 hours. Fare \$2.

Stages leave New-Haven daily, for Hartford, Boston, Albany, and New-York. Distance to Hartford 40 miles, fare, \$2; to Boston, 136 miles, fare \$7,50; to Albany, 110 miles, fare \$7; to New-York, 86 miles, fare \$4.*

* This route is usually performed in 12 or 14 hours, and the intervening places and distances are as follows :

<i>Miles.</i>		<i>Miles.</i>	
Stratford,.....	13	Stamford,.....	11
Bridgeport,.....	3	Greenwich,.....	6
Fairfield,.....	5	Harlaem,.....	30
Norwalk,.....	10	New-York,.....	8

BRIDGEPORT is handsomely situated on both banks of the Pughquonnuck river. The village contains a bank and two churches.

FAIRFIELD is a port of entry on Long Island Sound, containing a court house, academy, several churches, and a population of about 2000. It was on a low level piece of ground, which is seen on the left side of the road about a mile and a half after leaving the village, that the remnant of the Pequot tribe of Indians, after the destruction of their fort by Capt. Mason at Mystic, (*see p. 401,*) were either killed or captured. The battle was severe and bloody, and some reliques of arms used in the contest are at this day occasionally found by the inhabitants.

FROM NEW-HAVEN TO LITCHFIELD.

A stage leaves New-Haven daily for Litchfield, passing through Waterbury and Watertown—distance 38 miles.

Passing West Rock, (*see p. 418,*) and proceeding from thence for a considerable distance in a northerly direction, through a beautiful valley, having on its right a lofty rocky barrier, with rude perpendicular precipices, *Beacon Mountain* is reached in travelling 14 miles from New-Haven. This mountain is a ridge of almost naked rock stretching to the south-west. "The road, which is formed in the natural gap of the mountain, here winds through a bold gulf or defile, so narrow, that at one place only a single carriage can pass at once. On both sides, the cliffs are lofty, particularly on the left; and on the right, a little distance from the road, they overhang in a frightful manner." Beyond this gap, the road turns more to the left, running along a rivulet; and after three or four miles, on rising an eminence, the Naugatuck, a branch of the Housatonic

NORWALK is on the Sound, and is a pleasant village, containing an academy and 3 churches.

WEST CHESTER COUNTY, which is entered in a few miles after leaving Greenwich, and which was "neutral ground" during the revolutionary war, was selected by Mr. Cooper, the novelist, as the principal scene of his "Spy."

At HORSENECK, 33 miles from N. York, the traveller is shown the steep down which Gen. Putnam descended on horse-back during the revolution.

At HARLAEM, 8 miles from New-York, the road passes near the East river, affording the traveller a view of HURL GATE. (*See p. 106.*)

river, is discovered. It runs through a deep and narrow gulf, which is seen from the road.

WATERTOWN, 26 miles from New-Haven, is on a commanding hill, and is a beautiful little village, containing two churches.

LITCHFIELD is on a handsome eminence, and is considered one of the most pleasant villages in the state. The principal street extends more than a mile in length, and contains a collection of neat houses, adorned with gardens and court yards. Among the public buildings are a court house, jail, bank, and 2 churches. There is also at this place a young ladies' school, which has obtained much celebrity ; and a distinguished law school, established in 1784 by the late Tapping Reeve, and now under the charge of the Hon. James Gould. The number of students educated at this institution since its establishment is between 6 and 700.

Mount Tom, near the south-west corner of this town, is 700 feet above the river at its base, and affords from its top an extensive prospect.

The Great Pond, in Litchfield, comprises an area of about 900 acres, is the largest in the state, and is a beautiful sheet of water, affording at its outlet a number of valuable mill seats.

A *Chalybeate Spring* has been discovered within a few years, on the east side of Mount Prospect, four miles west of the village of Litchfield. It issues from an extensive bed of sulphuret of iron, and is copious and perennial, exhibiting in its course much oxide of iron, ochre, and a white deposit.

Mount Prospect, is a rocky, wood clad, elevated ridge, of two miles extent. From its summit an interesting

and diversified view is presented of villages and lakes, and of a well cultivated, healthy country.

From Litchfield, a stage may be taken daily, passing through East Goshen, Norfolk, Canaan, Sheffield, Great Barrington, West Stockbridge, Chatham, Nassau, Schodack and Greenbush to Albany, and reaching the latter place in about 24 hours. Distance 72 miles—fare \$4. This is the most direct route, also, from Litchfield to Saratoga Springs; but, to make the tour of New-England more complete, it is recommended to proceed from Litchfield to Hartford, and from thence up the beautiful valley of the Connecticut river, which is variegated with villages and country seats, and presents some of the finest scenery on the continent.

FROM LITCHFIELD TO HARTFORD.

A stage may be taken at Litchfield on Tuesday, Thursday and Saturday at 8 A. M. passing through Harwinton, Burlington and Farmington, and reaching Hartford at 3 P. M. Distance 30 miles—fare \$2.

HARWINTON is a small village, 7 miles from Litchfield, on the Naugatuck river.

BURLINGTON, 7 miles.

FARMINGTON, 6 miles. This is a pleasant village, located on the Farmington river, which, after leaving the village, takes a northerly course for 15 miles, where it is joined by the Salmon river. It then turns to the south-east, passing between lofty mountains and descends a cataract of 150 feet; after which it is called the Windsor river, and joins the Connecticut 4 miles above Hartford. Farmington contains 3 churches and a population of between 2 and 3000. [For a notice of

the Farmington canal, which passes through this place, see page 418.]

HARTFORD, 10 miles. (*See p. 407.*)

ROUTE UP THE VALLEY OF CONNECTICUT RIVER.

Stages run daily between Hartford, Conn. and Hanover, N. H. up the Connecticut river, as noticed at page 411. Passing through East Hartford, (*see p. 407,*) the first village reached is

WINDSOR, 7 miles from Hartford, located on the west bank of the river. Settlements were commenced at this place, as well as at Hartford, in 1633.

ENFIELD, 9 miles. A canal has been recently constructed around the falls at this place, of sufficient dimensions to receive steam-boats; and they now pass as far up as Springfield without difficulty, and, except in very low water, for a considerable distance above Windsor, Vt. This canal commences at the head of the Falls, by a wing dam 700 feet long, which reaches to the middle of the river. From the lower end of the wing dam a pier extends down 200 feet parallel to and 100 feet from the west bank, and is raised above the river so as to form a basin and safe entrance to the Grand Lock. At right angles to this pier, a breast wall of solid masonry, strengthened by buttresses, extends 70 feet towards the bank, and is there united to the grand lock. This and the breast wall are 16 feet higher than the surface of the water in the canal, presenting a firm defence against the highest floods. The breast wall covers twelve sluices, with sliding gates, for the free admission of water for hydraulic purposes. The river banks are generally high and rocky, for about

three miles below the grand lock, and the canal is formed by an embankment of earth raised in the bed of the river, and protected on the outside by a stone wall. Two miles below the guard lock, Mill brook crosses the line of the canal, and is passed by an aqueduct of 90 feet long and 60 feet wide, having six piers and abutments of substantial masonry. The height of the artificial embankment increases gradually, as it passes down the river, until it rises to a perpendicular elevation of 25 feet, when the high river bank retires to the west, and the canal is carried about two miles over land to its termination below the falls. Here are three locks of masonry of ten feet lift each. The locks are separated by pools 50 feet wide, in which ascending and descending boats may pass each other, and avoid the detention which is unavoidable where several locks are combined in a connected line. The dimensions of the locks are 90 feet by 20 in the clear, and they are calculated to have four feet depth of water. The depth of the canal varies from four to twenty feet. The average width, at the surface of the water, is about seventy feet, and the total length five and a half miles.

SUFFIELD, 1 mile from Enfield, on the west bank of the river, is a beautiful town. The village, which is on an eminence about a mile west of the river road, is composed principally of one street, half a mile in extent. The houses, with their handsome gardens and yards, present a picturesque and elegant appearance. A sulphur spring, a mile or two southwest of the village, is a place of some resort by invalids.

WEST SPRINGFIELD, 9 miles, is located on the west bank of the Connecticut river, and contains several

handsome private dwellings. A bridge here crosses the river, connecting the place with

SPRINGFIELD, on the opposite side ; which is a large and handsome village. The houses are principally located at the foot of a hill ; on the west side of which are several elegant residences, and on the summit a U. S. arsenal. The village contains a court house, jail, two churches, and several manufactories.

The buildings composing the arsenal on the heights, occupy a large square, and are surrounded by a high wall. They are mostly built of brick and present a magnificent appearance. About 13,000 muskets are manufactured here annually. The water works employed for the purpose are on Mill river, a mile south of the arsenal.

Springfield became the theatre of savage barbarity during Philip's war in 1675. The towns still further up the river had, for some time previous, suffered severely from repeated Indian incursions. But the Springfield tribe had thus far remained quiet ; and it was not till the month of October of this year, that Philip could succeed by his artifices, to enlist them in his favor. On the night of the 4th, it was ascertained by means of a friendly Indian, that 300 of the tribe had suddenly and secretly assembled at a fort on Long Hill, about a mile below the village. This intelligence produced much consternation among the inhabitants ; and they immediately repaired to their fortified houses. No disturbance, however, occurring in the night, hopes were entertained that hostilities were not intended on the part of the Indians. Lieut. Cooper, the commandant of the place, and another, accordingly resolved on repairing to the fort, for the purpose of dissipating the

fears that still existed among the inhabitants. Having reached the small stream at the lower part of the village, Cooper and his companion were shot by Indians who were concealed in the woods. This seemed to be a signal for attack; as the whole body immediately rushed into the town with a horrid yell, and set fire to the unfortified dwellings, and barns. The whole were soon enveloped in flames and consumed. During this period, a fire was kept up from the fortified houses upon the Indians, and several killed; but it was not till they had destroyed 32 dwellings and nearly as many barns, and plundered every thing within their reach, that they withdrew. A brick house standing at the time of this catastrophe, is still in tolerable preservation.

During the rebellion of Shays, in 1786, the armoury at this place was attacked by him. But he was repulsed, with the loss of a few men; and his followers subsequently dispersed.

Pursuing the course of the river on the west side, over a beautiful country,

SOUTH HADLEY FALLS are reached in going 12 miles from Springfield. The river here descends in the distance of two and a half miles, 52 feet; and on the east side, commencing at South Hadley village, a canal has been constructed, corresponding in extent with these falls, through which lumber and the largest boats pass.

Previous to reaching Northampton, the river, (in which there is an abrupt turn,) passes between Mount Tom on the south, and Mount Holyoke (*see p. 348*) on the north. North of the latter mountain, a most charming and extensive plain is presented, embracing many elegant villages and country seats.

NORTHAMPTON, 5 miles from South Hadley. (See p. 347.)

HADLEY, 2 miles east of Northampton. (See p. 351.)

HATFIELD, 5 miles north of Northampton, on the west side of the river, is a neat and venerable town, having been settled as early as 1658. In October, 1675, after the burning of Springfield, (see p. 425,) the Indians under Philip, flushed with their repeated successes, made an attack on Hatfield ; which was then defended by two companies, aided by a third, which came to their relief during the conflict. The Indians were about 700 strong, and made a furious assault upon the town in various directions, pillaging and burning several of the houses. But they were defeated, and compelled to seek safety in a precipitate flight.

On the 30th of May of the following year, another attack was made upon Hatfield by 600 Indians. Twelve unfortified buildings were immediately burnt ; but the others, which were pallisaded, were defended by a few inhabitants. Part of the Indians then repaired to the fields, and attacked the men at their labor ; but 25 young men crossed the river from Hadley, and rushing upon the Indians, killed several, and finally, with the aid of the inhabitants, dispersed them.

MUDDY BROOK, 9 miles from Hatfield, is a small village, deriving its name from a stream which passes through the place, bordered by a narrow morass. The place in 1675, and for some time subsequent, was called *Bloody Brook*, in consequence of a battle which was fought with the Indians on the 18th of September of that year. Capt. Lothrop, who had been despatched

with 80 men and several teams, to secure a quantity of wheat in Deerfield, two or three miles further north, was surprised on his return through this place, by a party of 700 Indians, who had secretly watched his movements, and who lay in ambush awaiting his arrival. He had no sooner crossed the small stream above mentioned, than they rushed upon him, pouring in such a deadly fire as to produce complete discomfiture. Lothrop and his men fled; but being pursued and overtaken at all points, they resolved to sell their lives in a vigorous struggle. They accordingly posted themselves behind the neighboring trees; when the conflict became a trial of skill in sharp shooting. At length the struggle terminated in the annihilation of nearly the whole of the English. Lothrop was killed in the early part of the action; and his loss, including teamsters, amounted to ninety. The troops at Deerfield, under Captain Mosely, hearing the musketry, hastened to the scene of combat, and arrived soon after its close. They found the Indians stripping the slain. Mosely improving the favorable opportunity, rushed upon them, cutting them down in all directions, and driving the remainder into the adjacent swamps. The next morning, it was found that a few Indians had returned to the field of battle for the purpose of plunder; but they were soon dispersed.

Though the loss of the enemy on the previous day was estimated at about 100, the engagement was, nevertheless, more disastrous in its consequences to the English. The destruction of 90 valuable men, the flower of a thinly scattered population, was calculated to produce much despondency, and occasion the most

serious apprehensions for the safety of the remaining colonists.

The place where this battle was fought, is near the centre of the village, about 30 rods south of the church. The bridge over the stream is located at the place where Lothrop crossed. Some remains of a coarse monument once erected here are still visible.

DEERFIELD, 3 miles from Muddy Brook, and 17 miles north of Northampton, is a handsome village on the west bank of the Connecticut river. It is in the midst of a very fertile and beautiful country, presenting a succession of rich and highly cultivated farms. The town was among the early settlements on the river; and, more than any other place, was the theatre of Indian warfare. In September, 1675, an attack was made on the place, one man killed and several houses reduced to ashes. For about 20 years subsequent to this, owing to repeated incursions of the savages; the inhabitants were often compelled to abandon their dwellings and seek a temporary asylum in the neighboring towns. During the French wars under William and Anne, however, they maintained their ground until 1704; made many improvements and enclosed the centre of the village by an extensive but imperfect pallisaded work. This fortification was attacked by about 350 French and Indians in the month of February of that year. They had secretly taken a position two miles north of the village on the evening of the 9th; from whence they cautiously proceeded to the fort the next morning before day. There being no sentinels posted, the fortification was easily entered, and the work of destruction commenced ere the inhabitants had aroused from their slumbers. A feeble resistance, only, could be

made. All the houses, except one, within the pallisades, were burnt; between 40 and 50 of the inhabitants were killed, and 112, including women and children made prisoners. In the drear of winter, with a scanty supply of provisions, and with little clothing, the unfortunate captives were compelled to take up their line of march for Canada. Mr. Williams, the clergyman of the place, and his family, were of the number. His wife* was murdered in two or three days after commencing the excursion; and sixteen others either died or were massacred before reaching the Province. Most of those who survived, after remaining in captivity for some time, were redeemed. A daughter of Mr. Williams, however, who had married an Indian chief, refused to return. She assumed the habiliment of a savage, and died in Canada some years afterwards. Several of her descendants are still living there.

The house which survived the conflagration at Deerfield is still standing, and is owned by Col. Elihu Hoyt. It is in a tolerable state of preservation, and exhibits to this day the perforation made in the door by tomahawks, as well as the marks of balls in the interior. One of these marks is shown, as having been made by a ball which killed a female in the house; and in one of the timbers a bullet is seen, which has never been extracted.

GREENFIELD, 4 miles from Deerfield, is a large and pleasant village, on the west side of the river; from which it is distant 2 miles. It contains a court house,

* She was afterwards, with her husband, interred in the church-yard at Deerfield; and marble slabs placed over their graves.

jail, bank and 3 churches. It is a central position for the trade of the surrounding country; and is a place of wealth and enterprise. A young *Ladies' Seminary* at this place is beautifully located and under excellent regulations.

TURNER'S FALLS, on the Connecticut river, are 3 miles from Greenfield, in a north-easterly direction. The road taken in visiting them is east of the ordinary stage route; and it is customary, therefore, after an excursion to the falls, to return to Greenfield. The route is principally over the ground taken by Capt. Turner, in his attack on the Indians in 1676. The fall is between forty and fifty feet; but by the erection of a dam for the accommodation of a canal, the cataract has lost much of its original wildness.

The Indians, amounting to several hundreds, having taken a position on elevated ground, on the west bank of the river at the head of the fall, it was deemed important to dislodge them. This service was undertaken by Capt. Turner, at the head of about 160 mounted troops. He left Hatfield on the 17th of May, 1676, and reached within half a mile of the Indian encampment before day the next morning, without discovery. Here his men left their horses, and by a rapid march, reached the camp before the Indians awoke from their slumbers. A deadly and destructive fire was immediately commenced. Believing it to proceed from their ancient and powerful enemy the Mohawks, many of the Indians fled to the river, and leaped into their canoes; but in attempting to cross, they were mostly shot or precipitated over the cataract. Others fled to the rocks of the river bank, where they were cut down, without resistance; and few escaped the victorious

arm of the assailants. One hundred were left dead on the field; one hundred and forty were seen to descend the cataract; and their whole loss was afterwards ascertained to have been 300. Turner lost but one man.

In his retreat, he was less fortunate. He was attacked by other parties of Indians on the route—his men divided—himself killed; and the loss of his party, before they reached Hatfield, amounted to between 30 and 40. Capt. T. is supposed to have fallen in what is called Greenfield Meadow, at the mouth of a small stream on which a mill now stands; as his body was afterwards found at that place by a scouting party of the English.

BERNARDSTOWN, 5 miles north of Greenfield.

VERNON, 6 miles: the first town reached in entering the state of Vermont. Fort Dummer, built to protect the inhabitants against the Indians, was located at this place.

GUILFORD, 5 miles. Here are two slate quarries and several mills and manufactories.

BRATTLEBOROUGH, 6 miles, a flourishing village, is located on the west bank of the Connecticut river; over which there is a permanent bridge. White stone creek also passes through the place, affording a number of good mill sites. The village contains a bank, the most extensive printing establishment in the state, and several manufactories. Stages pass daily between this place and Boston, Hartford, Albany and Hanover.

DUMMERSTON, 5 miles.

PUTNEY, 5 miles.

WESTMINSTER, 5 miles. The first newspaper printed in Vermont was issued from a press at this place; though

it was discontinued several years since for want of patronage. The village is located on a beautiful plain on the west bank of the Connecticut ; but it has not improved much within the last twenty years.

WALPOLE, N. H. to which a bridge leads, is on the opposite side of the river, and is noticed at page 325.

BELLOWS FALLS, on the Vermont side, 4 miles from Walpole. (See p. 324.) Proceeding up the river over a beautiful plain,

CHARLESTOWN, N. H. is reached in travelling 8 miles from Bellows Falls. It is handsomely located on the east side of the river, and is a neat village, containing a court house, jail and bank.

A fort was built for the defence of this place in 1743, on rising ground south of the church, over which the present street passes. In March, 1747, while the fort was occupied by Capt. Stevens and thirty men, a furious assault was made upon it by a large body of French and Indians, under the command of M. Debeline. The fort being composed of materials which were combustible, the enemy attempted its destruction, by setting a log house and the fences to the windward on fire. To guard against a conflagration, the besieged through great exertions, succeeded in making several subterranean passages under the parapet, with an opening at the top of each. From these passages, which were deep enough to protect the men from the enemy's shot, water, taken from a well within the fort, was thrown upon the parapet, and the plan of the enemy frustrated. A sort of *mantelet*, loaded with dry faggots, set on fire, was then forced towards the fort, accompanied with flaming arrows ; but all to no purpose. Stevens maintained his position, continued a fire upon the enemy

whenever he presented himself, and refused all propositions of a surrender. After an assault of three days, and suffering severely in the loss of his men, Debeline withdrew from the siege. None of Stevens' men were killed, and but two wounded.

For this brave defence, Sir Charles Knowles, commandant of a naval force then in Boston harbor, sent Capt. Stevens an elegant sword. The town was subsequently named in honor of Sir Charles.

From Charlestown, a stage may be taken daily for Saratoga Springs; passing through Chester, Manchester, &c.; or for Boston, passing through Walpole, Keene, &c. (*See p. 323 to 328.*)

SPRINGFIELD, Vt. on the west side of the river, 5 miles from Charlestown.

WEATHERSFIELD, 6 miles; a fine agricultural township. Jarvis' farm, at what is termed Weathersfield Bow (a turn in the river) is considered one of the best in Vermont.

WINDSOR, 7 miles. (*See p. 332.*)

HARTLAND, 7 miles.

HARTFORD, 7 miles. There are two handsome villages in this town; one near the junction of the White river, and the other near the junction of the Queechy river with the Connecticut. In both there are several mills and manufactories. From Hartford, the river is crossed to

HANOVER, (noticed at *p. 333,*) from which a stage may be taken three times a week for Burlington, Vt. or Boston.

FINIS.

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